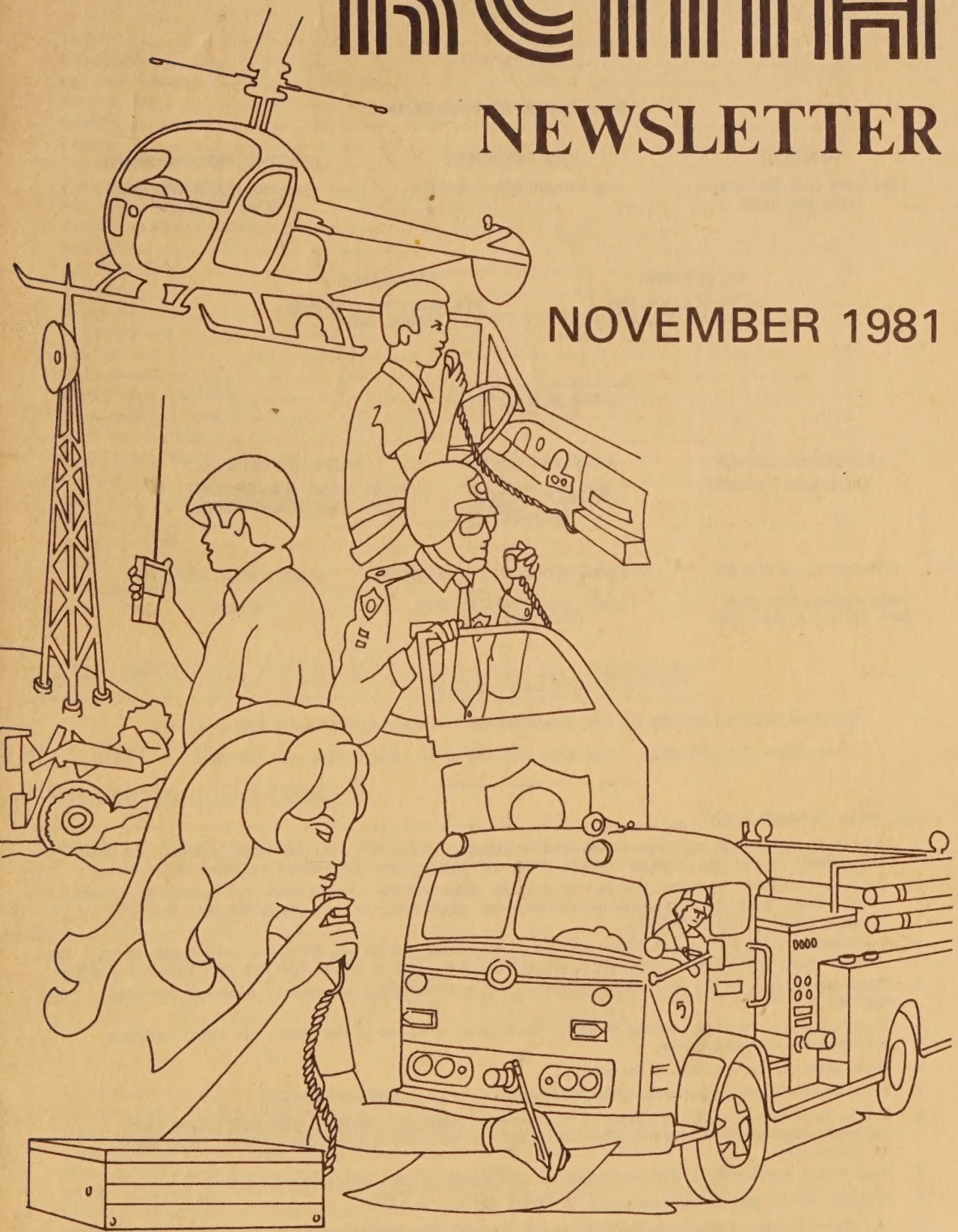
RCMA

NEWSLETTER



NOVEMBER 1981

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OF MONITOR RADIO LISTENERS

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RCMA NEWSLETTER

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FOR YOUR INFORMATION:

1. All club business, unless otherwise noted, must be addressed to R.C.M.A., P.O. Box 4563, Anaheim, CA 92803. This includes matters that relate to renewals, changes of address, newsletter delivery problems, etc.
2. Input to the RCMA Newsletter must be mailed to the proper editors, whose addresses are included in the individual column headlines. If no particular column seems appropriate, send input to RCMA, P.O. Box 1119, Flemington, NJ 08822.
3. To forward a letter to a specific RCMA member whose address you do not know, put your message to that person in a stamped envelope with your return address on it; mail to RCMA, P.O. Box 408, Earp, CA 92242.
4. Please include your RCMA membership number with all correspondence to newsletter editors or club headquarters.
5. If you require a reply when writing to RCMA headquarters or to one of the editors, you MUST enclose a self-addressed, stamped envelope.
6. Please write on only one side of the paper.
7. Please don't combine in one letter several items that should go to different addresses.
8. If you want to type what you submit to the newsletter, please don't exceed a seven-inch column width and please single space. Doing this may save an editor from having to retype the material. Please don't use script type.
9. Your RCMA membership number and expiration date appear on your newsletter mailing label.
10. You may join or renew your membership for ONLY one year at a time.
11. The RCMA Newsletter accepts paid advertising. If you would like to place a paid ad, please write to the following address for our advertising guidelines: RCMA Newsletter, P.O. Box 4563, Anaheim, CA 92803.

RCMA NEWSLETTER
Issue 68 November 1981

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NEW NEWSLETTER EDITORIAL ADDRESS:

P.O. Box 1119
Flemington, NJ 08822

EFFECTIVE IMMEDIATELY: All mail regarding the editorial content of the RCMA Newsletter now must be sent to the above address. The Willow Grove, PA, P.O. box has been closed and all mail for the following columns now must be sent to the Flemington address: ThoughtWaves, Your Thoughts, Business Etc., Communications Profile and Miscellany. The Flemington address also is to be used to contact me personally. As usual, all problems with newsletter delivery, membership and renewals should be sent to the Anaheim, CA, P.O. box. Thanks--CHUCK GYSI, Managing Editor.

The RCMA Newsletter is published monthly by members of the RADIO COMMUNICATIONS MONITORING ASSOCIATION, P.O. Box 4563, Anaheim, CA 92803. Subscription rate/membership fee is $12.00 for U.S. residents. For persons in other countries, the following rates apply: Canada and Mexico—$13.50; Europe—$14.50, South Pacific and Asia—$15.00. These dues are payable in U.S. funds and are subject to change. Information contained herein is obtained primarily from members and does not necessarily present the position or reflect the opinion of RCMA as a whole. The RCMA Newsletter editors and officers are not responsible for the accuracy or validity of information contained herein. RCMA does not necessarily recommend or endorse products or services advertised herein. The publication is copyrighted ©. Reproduction of any material in this newsletter is prohibited without prior written consent.

** Calendar **

Send notices of upcoming events for the Calandar section to John Clark, RCMA, P.O. Box 4563, Anaheim, CA 92803. Please send notices well in advance of the Newsletter deadline.

The R.C.M.A. supports scanning and scanner clubs. If your local R.C.M.A. scanner group is having a meeting, or if you are another radio club planning a meeting, send an announcement to the Calendar Editor and it will be sent to all members of R.C.M.A. Because of individual member requests and previous problems, the Board does not feel that sectional mailing lists should be distributed.

Greater L.A. Area R.C.M.A.

Board meetings are open to all members of R.C.M.A. They start at 7:30 PM. Now that we have separated labeling of the newsletter, the meetings will be devoted to R.C.M.A. policy and, of course, the latest scanner activities.

R.C.M.A. Working Sessions have been scheduled for the first Tuesday evening of each month. Any member of R.C.M.A. or visitor is welcome to attend and/or assist in the suffeling of papers and attempts to ascertain what went wrong with member X's subscription.

Nov 3 TUESDAY 7:30pm Anaheim Branch Library, 1349 S. Euclid
Dec 1 TUESDAY 7:30pm Anaheim Branch Library, 1349 S. Euclid

Greater L.A. Area R.C.M.A. meetings David A. Heywood CALA001 Presiding

October 16 FRIDAY L. A. Area Meeting: Mercury Savings and Loan, Valley View and Lincoln Avenue, Buena Park, Ca. 8:00 PM
The Satellite Earth Station will be discussed by Capt James Matheson of United Air Lines.

November 20 FRIDAY L. A. Area Meeting: Mercury Savings and Loan, Valley View and Lincoln Avenue, Buena Park, Ca. 8:00 PM
Scanning and the news media. Representatives from radio, TV, and newspapers will be present.

December 18 FRIDAY L. A. Area Meeting: Mercury Savings and Loan, Valley View and Lincoln Avenue, Buena Park, Ca. 8:00 PM
Emergency Desaster Radio will be the topic of discussion.

NEWSLETTER DEADLINES:

*** please note the newsletter deadlines refer to the month the newsletter is to be mailed, Not the date on the cover. Information submitted by November 9 will be mailed to members in December. The December mailing carries a January cover date to assist USPS in their speedy delivery.

November 9 MONDAY Newsletter deadline for "December" Newsletter.

December 7 MONDAY Newsletter deadline for "January" Newsletter.

1982

January 4 MONDAY Newsletter deadline for "February" Newsletter.

February 8 MONDAY Newsletter deadline for "March" Newsletter.

March 8 MONDAY Newsletter deadline for "April" Newsletter.

Calendar continued

April	5	MONDAY Newsletter deadline for "May" Newsletter.
May	10	MONDAY Newsletter deadline for "June" Newsletter.
June	7	MONDAY Newsletter deadline for "July" Newsletter.
July	5	MONDAY Newsletter deadline for "August" Newsletter.
August	9	MONDAY Newsletter deadline for "September" Newsletter.
September	6	MONDAY Newsletter deadline for "October" Newsletter.
October	4	MONDAY Newsletter deadline for "November" Newsletter.
November	8	MONDAY Newsletter deadline for "December" Newsletter.
December	6	MONDAY Newsletter deadline for "January" Newsletter.

NEED BACK ISSUES?

Back issues are again available for sale to members in the lots indicated below. Please note that the RCMA Newsletter is a club newsletter. Because it reflects the growth of RCMA, early issues do not contain as many articles as do the current ones. The Newsletter has evolved from a few mimeo pages to its present format under the leadership of three great editors---Don Jones, Iden Rogers, and Chuck Gysi---and the contributions of club members.

The reproduction of the articles is quite readable. To cut costs and allow the possibility of binding all the reprints in a notebook, the format of later newsletters has been changed from saddle stitch to edge binding. This has changed the page order presentation, but not the content of the articles or the frequency lists.

To order: Using the information given below, send your requests to R.C.M.A., Bill Ell, Secretary, 2831 Hermanos St., Pasadena, CA 91107. Be sure to include your name, address, RCMA membership number (it is on your label), and vour check or money order payable to R.C.M.A.

PRICES VALID UNTIL JANUARY 1982

Lots (Months/Year)	No. of Issues	Price
Sept 75 – June/July 76 (No Oct or Nov published)	7	$ 2.00
Aug – Dec 76 (No Oct published)	4	$ 3.00
Jan – June 77	6	$ 4.00
July – Dec 77	6	$ 4.00
Jan – June 78	6	$ 5.00
July – Dec 78	6	$ 5.00
Jan – June 79	6	$ 6.00
July – Dec 79	6	$ 6.00

********* 1980-81 R.C.M.A. Newsletter back issues are now available.

Price $1.50 per copy

Orders should be sent to:

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Bill Ell, Secretary
2831 Hermanos Street
Pasadena, Ca 91107

THOUGHT waves

Chuck Gysi, Managing Editor, P.O. Box 1119, Flemington, NJ 08822

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

NEWS HIGHLIGHTS

ANARC is a federation of the most responsible, well established radio listening clubs in North America. RCMA attained Full Member status in ANARC in 1977. For a list of the ANARC Member and Associate Member clubs, send a self-addressed, stamped business size envelope with your request to the address below.

For an annual subscription to the ANARC Newsletter, send $5 to Joe Barr, 1500 Bunbury Drive, Whittier, CA 90601. ($8 overseas subscription.)

The following material is extracted from the publication "ANARC CLUB LIST" Revised April 1981. Compiled and Edited by the ANARC Public Relations Committee, Jeff White, Chairman.

The entire ANARC CLUB LIST will be printed in future issues of the RCMA Newsletter.

WHAT IS ANARC?

The Association of North American Radio Clubs (ANARC) was founded in February of 1964 as a uniting organization for non-profit DX radio listening clubs* in North America. All ANARC-approved clubs are reliable, responsible volunteer organizations. Member clubs are generally larger than associate member clubs, but both groups meet ANARC qualifications. AMARC has affiliate status with many overseas DX organizations.

ANARC's objectives are: to promode closer ties between radio clubs, to promote interchange of information and ideas between radio clubs, to work for the common good of the hobby, to provide a forum to work out differences and problems involving radio clubs, and to provide a medium to speak out for radio clubs and listeners in North America.

There are several ANARC committees which serve the radio listener. The Public Relations Committee works to promote ANARC and its member clubs to potential members and to the general public, and to promote good relations between ANARC and other organizations. The Frequency Recommendation Committee helps shortwave radio stations choose the best frequencies for their broadcasts to North America. The DX Equipment Information Committee complies and publishes information about all types of radio receiving equipment and accessories available on the market. The QSL Committee compiles information about the verification policies of radio stations around the world. The Broadcasters Liaison Committee promotes contact between ANARC and international broadcasters.

ANARC holds an annual summertime convention at a different site in North America each year. DX listeners from all over North America and other parts of the world attend the annual ANARC convention, which is usually three days long and filled with discussions, demonstrations, exhibits, speeches and presentations by ANARC clubs, radio stations, radio manufacturing and distributing companies, and specialists in various aspects of radio broadcasting and listening. ANARC conventions offer a unique opportunity for DX listners and radio broadcasters to meet with others who share their hobbies, interests and professions.

*DX LISTENING BRIEFLY DESCRIBED: "DX" is and old telegraph abbreviation for "distance", and has come to be known as the action of listening to all forms of (usually distant) radio comminications. There are many specialties within DX listening. Perhaps the largest segment of DX listeners tunes in to worldwide broadcasts on the shortwave frequencies (3 to 30 MHz). Another major group of DXers enjoys the variety offered by the thousands of domestic and foreign stations to be heard on the AM (mediumwave) band. Others monitor transmissions on longwave, TV and FM bands. Unlike anateur (or "ham") radio, DX listening involves no broad-

casting by the listener, and requires no license or technical knowledge.

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ANARC MEMBER CLUBS

AMERICAN SHORTWAVE LISTENERS CLUB (ASWLC) Founded 1964

Address: 16182 Ballad Lane, Huntington Beach, CA 92649
Coverage: SW, utilities, MW, QSL, time index, beginner features
Publication: "SWL" monthly; offset printing
Sample: North America $1.00; overseas $2.00 or 8 IRCs
Dues: USA, Canada, Mexico $15.00 in U.S. funds; overseas seamail $1600; airmail to Central America & Caribbean $18.00; airmail to Europe & South America $21.00;airmail to Asia/Oceania/Africa/Mideast $25.00

ASSOCIATION OF ILLINOIS DXERS (AIDX) Founded 1976
Address: 1413 Garden Hills Drive, Champaign, IL 61820
Coverage: SW, MW, QSL
Publication: "ADIX Journal" monthly; offset printing
Sample: North America SASE; overseas 2 IRCs
Dues: North America $6.00; overseas $10.00

ATLANTIC STATES DX ASSOCIATION (ASDA) founded 1975
Address: 1137 E. 12th Street, Brooklyn, NY 11230
Coverage: SW, propagation forecasts, QSL
Publication: "All Language Broadcasts" monthly; offset printing
Sample: North America $0.75; overseas 3 IRCs
Dues: North America $7.00; overseas $10.00

CANADIAN INTERNATIONAL DX CLUB (CIDX) Founded 1962
Address: 6815 12th Avenue, Edmonton, Alberta T6K 3J6
Coverage: All wave, including SW, MW, utility, ham, clandestine
Publication: "CIDX Messenger" monthly; mimeograph printing
Sample: North America $0.50; overseas $1.00
Dues: North America $13.00; overseas write HQ for rates

CANADIAN SWL INTERNATIONAL (CSWLI) Founded 1977
Address: ~~P.O. Box 14~~2, Thunder Bay, Ontario ~~P7E 4V5~~ 980 GEORGINA BAY, P7E 3H7
Coverage: SW, utilities, QSL
Publication: "CANDX" monthly; mimeograph printing
Sample: North America $1.00; overseas 5 IRCs
Dues: North America $12.00; overseas write HQ for rates

CLUB ONDES COURTES DU QUEBEC (COCQ) Founded 1974
Address: Case Postale 267, Gaspe, Quebec G0C 1R0
Coverage: SW, MW, utilities, ham
Publication: "L'Onde" monthly; offset printing (in French)
Sample: North America $1.50; overseas 5 IRCs
Dues: North America $17.00; overseas $21.00

INTERNATIONAL RADIO CLUB OF AMERICA (IRCA) Founded 1964
Address: P.O. Box 26254, San Francisco, CA 94126
Coverage: MW
Publication: "DX Monitor" 34 issues annually; offset printing
Sample: North America $0.50; overseas 3 IRCs
Dues: North America $16.50; overseas write HQ for rates

LONGWAVE CLUB OF AMERICA (LWCA) Founded 1974
Address: ~~P.O. Box 33188, Granada Hills, CA 91344~~ 45 WILDFLOWER RD. LEVITTOWN, PA. 19057
Coverage: Longwave (below 550 kHz, plus the 1750-meter band)
Publication: "The Lowdown" monthly; mimeograph printing
Sample: North America $0.85; overseas 5 IRCs
Dues: North America $10.00; overseas $18.00

MIAMI VALLEY DX CLUB (MVDXC) Founded 1973
Address: 4666 Larkhall Lane, Columbus, OH 43229
Coverage: All wave, with emphasis on SW
Publication: "DX World" monthly; offset printing
Sample: North America $0.50; overseas 6 IRCs
Dues: North America $4.00; overseas write HQ for rates

NATIONAL RADIO CLUB (NRC) Founded 1933
~~Address: P.O. Box 118, Poquonock, CT 06064~~ NRC PUBLICATIONS CTR. P.O. BOX 164, MANNSVILLE N.Y. 13661
Coverage: MW
Publication: "DX News" 30 issues annually; offset printing
Sample: North America $0.60; overseas 3 IRCs
Dues: USA and Canada $18.00;Mexico & Caribbean $25.00;elsewhere $30.00

NEWARK NEWS RADIO CLUB (NNRC) Founded 1927
Address: P.O. Box 539, Newark, NJ 07101
Coverage: All wave, including SW, MW, longwave, utility, FM, TV, ham, CB
Publication: "NNRC Bulletin" monthly; offset printing
Sample: $1.00 worldwide
Dues: North America $15.00; overseas $15.00 by surface; write for air rate

NORTH AMERICA SHORTWAVE ASSOCIATION (NASWA) Founded 1961
Address: P.O. Box 13, Liberty, IN 47353
Coverage: SW
Publication: "FRENDX" monthly; offset printing
Sample: North America $1.00; overseas $2.00 or 10 IRCs
Dues: North America $14.00; Europe and Latin America $25.00; Africa/Asia Pacific $28.00. Worldwide by surface mail $16.00

ONTARIO DX ASSOCIATION (ODXA) Founded 1974
Address: 3 Camrose Crescent, Scarborough, Ontario M1L 2B5
Coverage: SW, MW
Publication: "DX Ontario" monthly; offset printing
Sample: $1.00 worldwide
Dues: Canada $12.00; USA $15.00; overseas $20.00

SPEEDX (Society to Perserve the Engrossiing Enjoyment of DXing) Founded 71
Address: P.O. Box E, Elsinore, CA 92330
Coverage: SW, utilities, QSL
Publications: "SPEEDX" monthly; offset printing
Sample: North America $1.00; overseas $2.00 or 8 IRCs
Dues: North America $16.00; Caribbean & Central America $24.00; Europe & South America $28.00; Asia/Pac/Africa $31.00 Worldwide surface $17

WORLDWIDE TV-FM DX ASSOCATION (WTFDA) Founded 1967
Address: P.O. Box 97, Calumet City, IL 60409
Coverage: TV, FM
Publication: "VHF-UHF Digest" monthly; offset printing
Sample: North America $1.00; overseas 6 IRCs
Dues: North America $13.00; overseas $18.00

ANARC ASSOCIATE MEMBER CLUBS

CLUB DX QUEBECOIS (CDXQ) Founded 1977
Address: 12073 Poincare, Montreal, Quebec H3L 3M1
Coverage: SW, MW, utilities
Activities: Membership limited to residents of Montreal Area. No regular publications, but meetings are held regularly. Write HQ for meeting dates, details.

HANDICAPPED AID PROGRAM (HAP) Founded 1972
Address: Canaian Branch 6 Coolbreeze Ave., Pt. Claire, Quebec H9S 5G4
U.S. Branch 3831 Hendricks Place, Gary, IN 46408
Coverage: The purpose of HAP is to introduce DX listening to the disapled and to aid handicapped persons already in the hobby. Handicapped persons are invited to inquire about HAP membership.
Publication: "HAP Report" is a monthly supplement included within the ANARC Newsletter

MINNESOTA DX CLUB (MDXC) Founded 1973
Address: 5212 Drew Avenue South, Minneapolis, MN 55410
Coverage: SW, MW, utilities
Activities: Membership limited to residents of Minnesota. No regular publications, but meetingss are held regularly in Minneapolis area. Send SASE for meeting dates, details.

SAN DIEGO DXERS CLUB (SDDXC) Founded 1978
Address: 1826 Cypress Street, San Diego, CA 92154
Coverage: Non-technical receiver and equipment evaluation only, relating to SW, MW, longwave, utility, TV, FM equipment
Publication: "San Diego DXers Club" monthly; offset printing
Sample: North America $0.75; overseas 5 IRCs
Dues: North America $9.00; overseas $14.00

SOUTHERN DX ASSOCIATION (SDXA) Founded 1979
Address: P.O. Box 213, Alexandria, TN 37012
Coverage: SW, MW, utilities
Publication: "Go-DX" monthly; mimeograph printing
Sample: North America $0.50; overseas 4 IRCs
Dues: North America $7.50; overseas $15.00

UNIVERSITY OF MANITOBA DX CLUB (UMDXC) Founded 1972
Address: c/o Aaron Hywarren, 217 Dalhoussie Dr., Richmond Fort, Winnipeg Manitoba R3T 2Y9
Coverage: SW, MW
Activities: Membership limited to residents of the Winnipeg area. No regular bulletins, but meetings are held regularly at the University of Manitoba. Send SASE for details.

WASHINGTON AREA DX ASSOCIATION (WADXA) Founded 1978
Address: 606 Forest Glen Road, Silver Spring, MD 20901
Coverage SW, MW utility

Publication: "WADXA Newsletter" quarterly
Dues: North America $7.50; overseas $10.00

WORLD SHORTWAVE LISTENERS CLUB (WSWLC) Founded 1979
Address: 80 Hartsdale Avenue, White Planes, NY 10605
Coverage: SW, station news, program content, pen pal lists, DX philately
Publication: "DX Journal" bi-monthly, offset printing
Sample: $1.00 worldwide
Dues: North America $7.50; overseas $10.00

ST. LOUIS INTERNATIONAL DX CLUB (SLIDX) Founded 1979
Address: 9720 Vickie Place, St. Louis, MO 63136
Coverage: SW,MW, FM, TV
Publication: "The Gridley Wave", bi-monthly, offset printing
Sample: North America $1.00; elsewhere 8 IRCs
Dues: North America $10.00; elsewhere $14.00

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ANARC AFFILIATE ORGANIZATIONS

EUROPEAN DX COUNCIL (EDXC) Founded 1965
Address: P.O. Box 4, St. Ives, Huntingdon, Cambs. PE17 4FE, England
EDXC is the European equivalent of ANARC. EDXC is the federation of DX radio listening clubs throughout Europe. For a list of clubs and publications (including the EDXC News Letter), send 3 IRCs to EDXC HQ.

INDIAN DX CLUB INTERNATIONAL (IDXCI) Founded 1975
Address: c/o Tripti Ranjan Basu, GPO Box 646, Calcutta 70000001, India
Coverage: SW, MW, utility, amateur, TV
Publication: "Asian DX Review" monthly; mimeograph printing
Sample: 4 IRCs worldwide
Dues: Worldwide by airmail US $7.00 or UK 3.50 or DM 14.00 or 40 IRCs

JAPAN BROADCAST LISTENERS FEDERATION (JBCLF) Founded 1975
Address: 6F Dia-Roku Central Bldg., 19-10 Teranomon 1 chome, Minato-ku
Tokyo 105, Japan
Coverage: SW, MW, FM, TV. All publications on Japanese.
Dues: Send 5 IRCs for rates and information

NEW ZEALAND RADIO DX LEAGUE (NZRDXL)
Address: P.O. Box 1313, Invercargill, New Zealand
Publication: "New Zealand DX Times"
Dues: Send 3 IRCs for membership details

SOUTHERN CROSS DX CLUB (SDC) Founded 1973
Address: GPO Box 336, Adelaide, SA 5001, Australia
Coverage: SW, MW
Publication: "DX Post" monthly except December
Dues: Australia $8.00; New Zealand $12.00; Asia $14.00; North America $15.00; Europe/Africa/Latin America $16.00. There is also a $2.00 joining fee for the first year. All prices quoted are Australian dollars and are for airmail delivery. Please pay by international bank draft or money order.

Aircraft

Major Ron Hammer, Editor

Send private, commercial, firefighting, and law enforcement aircraft frequencies of interest in the 108–136 MHz range and frequencies in other bands above 30 MHz associated with airports and aircraft, plus questions, articles, and tips related to aircraft monitoring to: Major Ron Hammer, 821 Elisa Way, Roseville, CA 95678.

Hi folk. I hope this effort makes it into print in the "November" issue. I can not find what my deadline is suppose to be for this month, so will just WAG it. Your ol' Aircraft Editor is truly overwhelmed with mail this month. I'll try to get into it as much as I can, but forgive me if yours doesn't make it this time. Should I be fortunate enough to survive this year's budget cuts at the County, it is my intent to get an IBM "Executive" typewriter like the machines at my office. Maybe then you'll actually be able to read this gibberish. Until then, sorry for the portable, but the RCMA doesn't furnish the equipment (or anything!)

The first letter is neatly typed and written in an articulate manner, so I'll include it here as received:

This letter will be anonymous. I suppose that's a cop-out on my part, but I have my reasons.

I write for one reason, and that's to voice my objection to the image you project in the R. C. M. A. Newsletter. You constantly tell us of your Air Force exploits, how much you've flown, and of all the marvelous things you've done. Do you really think anybody cares?

You make it sound as if you're the only one who has ever flown an airplane, or who knows anything about flying, or radio, or anything else. Would you believe there are people who have flown higher, farther, faster, more hours, in more different airplanes, and over a longer period of time than you have? Believe me, it's not only possible but also probable.

But the point is this: they don't talk about it, because nobody cares.

Think about it.

Now, while I certainly support "anonymous" (I feel like 'Dear Abby') in his right to disagree with me and my ramblings, I would also reserve the right to defend myself. Had the writer given a return address other than an Omaha, NE postmark, I would have replied to him directly, but he didn't, so I'll take up a little space here.

I do apologize to anyone who is offended by anything that I say. In my first columns I expressed insecurity in knowing just who it was that I'd be writing to--and I've listed a number of disclaimers about the fact that I am no expert in either aviation nor (especially) radio. I'm sorry for those who missed those statements, but I cannot restate them in each issue.

Taking the writer's last sentence first--I have thought about it. I have always considered that it was a great blessing that I was permitted the great honor of wearing the silver wings of a United States Air Force rated pilot and associating with other such men. The first time I solo'd a single-engined jet (at the age of

20) I looked out of the canopy at "USAF" emblazoned on the shiny wing and said to myself, "Can this really be me!" Yes, I was impressed. Not with myself, but with the "job". I was still impressed on my last flight--from Taipei, Taiwan to Kadena AB, Okinawa in a greasy ol' VT-29.

I sort of began to get a clue that there were those who flew high and faster than me when, as a Second Lieutenant, we attempted to refuel Convair B-58 "Hustlers" from a prop-driven tanker! Make no mistake, I've always been well aware of who the real heroes of aviation are (or were). I've had the opportunity to actually meet some of them in person such as military aviation pioneer Benjamin D. Foulois, WWII "Tokyo Raider" James H. Doolittle and WWII European Ace, Colonel John Voll (whom I worked for and ferried around the Pacific in the early '70's). I am a good friend of Steve Long. (Who is Steve Long, you may ask.) Steve was a fellow Oregonian and squadron-mate of mine in the 23rd Tactical Air Support Squadron who, as a 2nd Lieutenant Forward Air Controller, was shot down over some nameless place East of the Mekong and North of the DMZ. Steve survived two broken legs and four years in the "Hanoi Hilton". The last I heard from him he was a Major flying Phantoms in Holland. I was not so blessed as to be truly in a league with such men as these, but I was priveleged to encounter a few of them.

"No one talks about it." You've got to be joking. One of John Voll's WWII wingmen lives just up the road in Yuba City. Jack Cudd can keep a roomful of people spellbound for hours with his "unpublished" tales. I'm not in a league with Jack, either, but I have been priveleged to see a lot of places and had a few laughs that others just might like to share. Perhaps if I had accomplished something significant I would have retired a Major General instead of just a Major--and would be writing for "Aviation Week and Space Digest" instead of the Newsletter. I apologize for not being a world class writer and aviator. I do not think that you, sir, are one of them either. These men would all sign their letters. Please correct me if I am wrong. At least, as they use to say in the Civil War--"I have been to see the elephant." If you have, too--congratulations. If not, a pity.

Richard K. Bauer (IL-173) from Park Forest, IL says that he is an Operations Manager for a regional police/fire/EMS dispatch center in suburban Chicago--and he monitors scanners for a hobby! He asks for a page or two of my old Radio Facility Chart for his area and wants to know what the term "heavy" means. Heavy, as used in ATC is a term for aircraft capable of a gross takeoff weight in excess of 350,000 lbs such as B-52's, L-1011's, B-747's, etc. It is used to que the controller that special inflight separation from other aircraft is required due to the very severe wake turbulence. This turbulence is especially critical in landing and take-off modes. I have worn blisters on my hands in seconds trying to right a four engined aircraft taking off 15 seconds behind another like craft. When little ones get close to the big 'uns, it can be the sudden end of an otherwise nice day. "Delta 881" might be just a little DC-9. "Delta 881 Heavy" might be a DC-10! It do make a big difference.

Tracy Turner (KY-026) from Harlon, KY asks for freqs from the Knoxville and Lexington areas. I don't have any--can anyone else help him out and send some good freqs in for those areas?

Larry Van Horn (TN-014) from Grand Prairie, TX sends a neat computer type printout of frequencies in the Dallas-Fort Worth complex which I will gladly include herein for reproduction. Thanks for the good stuff Larry. Larry is Group Coordinator for the "Dallas- Ft. Worth Metroplex RCMA Study Group". His address is 1111 North Carrier Parkway, #B107, Grand Prairie, TX 75050, for them what live in that area. He sends a giant ARINC map, too, but we've run quite a few of these already.

Lybrand P. Smith of Torrance, CA writes an interesting little piece about blimps (of all things). Beings his typewriter is better than mine, I'll just include his letter in its entirety here for all you Goodyear blimp fans. (And what red-blooded American boy or girl is not?) Or is it the Goodrich blimp?

Dear Major Hammer:

Now that the Goodyear blimp is back in operation, listerners on 132.000 Mhz can check it out when the blimp is in their area. Fun listening, but sometimes a bit puzzling to the usual aircraft listener. Blimps don't need a long runway to land or take off.

One must never forget that a blimp is an AEROSTAT. That is, it can raise vertically, and literally float in the air without motors. If the blimp is "light" it will go up, and if it is "heavy" it will come down. Correction of height can be made either by dumping ballast or venting gas. As both are expensive, the blimp pilot prefers to use aerodynamic forces to adjust trim, but doesn't have to

At the same time, temperature affects the gas in the bag, so ground tempe rature is always given him when he is coming in for a landing, so he will know if the gas will expand or contract after he ties down, as well as the wind direction, so he can adjust trim if necessary. He might also tell the ground crew how many bags of ballast he will need as he comes in. After landing, the blimp is moored to a short mast and allowed to float at neutral bouyancy during the night and allowed to rotate about the mast.

Last spring a gust caught the blimp and tore the envelope, allowing some gas to escape. To prevent further damage, the ground crew pulled the "ripcord" -- a panel designed to tear open when a line is pulled -- to fully deflate the bag and prevent the bag from "free balloning" -- going on off whereever the wind would take it.

Hope these notes will help clarify some terms RCMA listeners might hear on the Goodyear freq. Further information can be had from books on aeroships in public libraries.

Cliff Polkinghorn (CAAL-029) sends an excellent, but overwhelming--volume wise--listing of airplane company freqs--which is to say seven pages of them! I'll enclose the Pacific Southwest Airways (PSA) list as so many RCMA members are clever enough to be Californians. (To Michael Redman MO-002--if you'll send a good list like this from Missouri, I'll print it, too. I was born there.) I'll print more of Cliff's lists as time goes by. In fact, while I'm at it insulting all non-Californians, I'll run the Western Airlines list, too. Take that.

Terry Miliczky (IN-003) from Ft. Wayne, IN sends a neatly typed letter that I will just excerpt from and run as received:

> Well, at any rate, my contribution for a future issue fits squarely into the same old "Clyde Tower is on 126.2" category. Sorry, but it's all I have to start with. And I have added a couple of freqs which are out of the Aero Band, so that should help abit. Baer Field of course, is in Fort Wayne.
>
> | | | |
> |---|---|---|
> | 119.100 | Tower | Baer Field |
> | 121.900 | Ground crews | Baer Field |
> | 121.250 | ATIS | Baer Field |
> | 126.600 | West Approach | Baer Field |
> | 120.200 | East Approach | Baer Field |
> | 122.450 | Flight Service | Baer Field |
> | 122.800 | Unicom U1 | Baer Field |
> | 123.000 | " U2 | Baer Field |
> | 122.900 | Pilot to Pilot | Baer Field |
> | 123.600 | Non-tower Communications | Baer Field |
> | 135.800 | Air Traffic Control, Indianapolis Center | |
> | 155.850 | Airport Police(City PD) | Baer Field |
> | 148.175 | Fire & Crash Crews | Baer Field |
>
> A modest list, but a start in the right direction. Thanks for all the tips of past issues Ron. They are coming in in very handy. Take care, and congratulations on being an expectant Grandfather. Hope it is a girl. ☺

W. R. McIntosh, the venerable "Mc" of the Longwave Club of America (Box 33188, Granada Hills, CA 91344) claims to be an incurable map and chart collector. If you have something specific in mind he may have it or be able to get it for you. While he is not in the business of selling same, neither is he running a charity mail-away program, so if you write him for something don't forget there is no free lunch. (I don't know how you can operate an aviation band scanner without having an aviation chart or map of some kind of the area you are trying to work. Almost all airports have them for their local areas.)

Tom Kneitel had a copy sent of his "Top Secret Registry of U. S. Government Radio Frequencies" Fourth (4th) Edition in the new 5½ x 8¼ inch format. It claims 50,000 listings in its 120 pages. If I'd ever have time to do something besides work, commute and write this column, I'd like to actually turn on my scanner someday and try out some of his listings. I cannot review the aircraft oriented stuff separately as it is intermingled throughout the book (and it is a small book, not a foldover pamphlet). Tom does list all of the FAA Air Route Traffic Control Center (ARTCC) military UHF band freqs in a separate section for you UHF capable listeners. I'll not pursue that any further as Bob Grove will run me off for getting into his area. (CRB Research, P. O. Box 56, Commack, NY 11725 $9.95 ppd)

What should arrive hot on the heels of the above handy little book, but Tom's new Third (3rd) Edition of "Air-Scan" Directory of Aero Band Scanner Frequencies. It is one of two hand-bound, hot-off-the-press copies. (I'm honored.) Beings the data is totally relevant to aviation band monitors and readers of this column, I am going to included the annoucement text in its entirety here. It is certainly worth the $7.95--if, of course, you've got the $7.95. As it is 80 pages, I've only had a chance to glance through it. If you're into aviation band, you ought to have one. You need not buy a new one every year, however, unless you just want to. The data do not change that much, although Tom adds new stuff to each edition.

The all new 3rd Edition of the popular scanner data publication "AIR SCAN," The Directory of VHF Aero Band Scanner Frequencies, by Tom Kneitel (K2AES), has just been released by CRB Research.

The new edition is in a new and handy 5½ by 8½" format, and is now a thick 80 page book offering some 30,000+ frequency listings. Covering listings such as control towers, ground control, Unicoms, test pilots, airline "company" operations, flight schools, FAA facilities, and more, the book covers the U.S.A. (including Alaska, Hawaii, Puerto Rico, the Virgin Islands), Canada and Mexico. Airports large and small are included-- military, commercial, private, and even "unlisted" ones not open to the public. Lots of new sections not in any previous editions are now included too, such as aviation weather communications, HF/SSB airline route frequencies (worldwide), international aircraft identification designators, information on aeronautical radio licensees in 1931, and more! The fascinating "how-to-listen" introductory section has been greatly expanded too.

The 3rd Edition of AIR-SCAN is by far the largest collection of aeronautical communications monitoring data ever assembled into one single publication. Information includes frequencies used by gliders, hot-air balloonists, blimps, skywriters, government aircraft which check navigational facilities for accuracy, crash trucks, search/rescue operations, environmental operations, and other interesting and more unusual stations, as well as the popularly monitored airliners, military aircraft, and private craft used for corporate and pleasure flying. A glossary is included.

It's the one single publication which unlocks the door and opens it all of the way to the exciting world of aeronautical communications to be heard on an aero band scanner covering the 108 to 136 MHz VHF aero band.

The new 3rd Edition of AIR-SCAN is $7.95 per copy, plus $1 for rapid First Class mailing, from its publisher: CRB Research, Box 56, Commack N.Y. 11725.

Thanks to Dave Ewing (IL-056)from Freeport, IL for the good poop on spectrum analyzers. Some day I may be the only kid in my block to have such a device! Right now I have to buy my wife a new counter-top. I won't even be allowed to solder on it like I did the old '62 vintage pink one. What fun is a counter-top that you can't even play on? Women never understand anything.

Bob Milo (NY-144)of Mamaroneck, NY sends some interesting clippings about phony air traffic control transmissions. I have truly (and eerily) heard such a thing in-flight. Fortunately for my crew, the pin-head making the spurious transmission didn't sound too professional and was not followed. Such things are not at all uncommon in areas such as flying the Berlin cooridors--in fact, at times they are briefed to be expected. One doesn't expect them going into LAX or some such, however. That's sick business. I'd sure hate to go through life knowing I'd killed

several hundred innocent people trying to be cute. Bob also mentions a "...yet-to-be-released 50 channel Regency D810" which is suppose to have aircraft capability. (VHF only, I'm sure, but that is something.) Thanks for the favorable comment on the addresses of the various suppliers I've tried to list.

Well, as I am growing as tired of typing this thing as you probably are of reading it, I will close with an inquiry from Chaplain (Lt Col) E. R. Flynn of Hq., 19th Sup Com, APO San Francisco 96212 who would like to get his hands on some Jeppesen Charts (even outdated ones) for the Far East area. Ed has the fortune to be stationed at Taegu, Korea. (Ed, I found Korea to be so beautiful in May that I took my whole family there from Pusan to Seoul--on the Greyhound bus. You can have the place in snowflake season, though. Sorry.) I'll pass Ch. Flynn's letter on to Mc.

Alan N. Leder (NJ-084) sends some clippings of a helicopter slowly sinking in the East River. I can hear that call to operations, "Ah, Ops, ah--we're, ah, having a little problem here. Somebody forgot to put the plug in the, ah zzzzz, glug....."

M 273 (4-50)

AGE'!(PACIFIC SOUTHWEST AIRWAYS (ALL)

FREQUENCY	CALL SIGN	CITY
31.24	KXK524	SAN DIEGO
75.00		SAN DIEGO
75.00		S.F.
75.00		L.A.
108.00		SAN DIEGO
108.00		S.F.
108.00		L.A.
108.10		SAN DIEGO
108.10		S.F.
108.10		L.A.
334.70		SAN DIEGO
334.70		S.F.
334.70		L.A.
121.65		
121.70		
121.80		
151.745	KEO656	RIVERSIDE
154.54	KA78268	
154.57	KK3116	
460.80	WYX801	PHOENIX ARIZONA
460.80	WYX802	RENO NEVADA
460.80	WYX803	LAS VEGAS NEVADA
460.80	WZE366	SAN JOSE
460.825	WRE867	ONTARIO
460.825	WRJ644	SALT LAKE CITY UTA
464.200	WRY663	SAN DIEGO
464.575	KVP417	s.f.
464.875	KVP418	SAN DIEGO

I 273 (4-50)

AGE'! WESTERN AIRLINES (CALIF. ONLY)

FREQUENCY	CALL SIGN	CITY
75.00		L.A.
75.00		S.F.
108.00		L.A.
108.00		S.F.
108.10		L.A.
108.10		S.F.
334.00		L.A.
334.00		S.F.
121.65		
121.70		
121.75		
121.80		
121.90		
151.805	WQH974	SAN JOSE
151.805	KBR339	L.A.
151.805	KLB901	BURBANK
151.805	KLB957	ONTARIO
460.50	KLT968	SACRAMENTO
460.75	KDB628	OAKLAND
460.75	KTX255	S.F.
460.75	WRZ759	L.A.
460.75	WRZ763	SAN DIEGO
462.725	KAB0448	L.A.
465.50	KLT968	SACRAMENTO
464.575	KYC309	L.A.
465.75	WRZ763	SAN DIEGO
465.75	WRZ759	L.A.
465.75	KTX255	S.F.

69.175	KN7408				465.75	KDB628		OAKLAND
69.175	WFV330		SAN DIEGO		465.75	KA73376		
69.200	WRY663		SAN DIEGO					

JUL 28 21:24 AC PAGE 1

AIRCRAFT FREQUENCIES IN DFW METROPLEX

DFW ATIS (AUTOMATIC TERMINAL INFO SERV ARIV-134.9 DEPT-135 5
DFW CLEARANCE DELIVERY 128.25
DFW GROUND CONTROL (E)121.65 (W)121.8
DFW TOWER (E)126.55 (W)124.15
DFW APPROACH CONTROL (E)119.4 & 119.05 (W)125.8 & 132 1 & 133 15
DFW DEPART CONTROL (E)118.55 (W)127.75

LOVE FIELD ATIS ARIV/DEPT 114.3
LOVE FIELD FLIGHT SERV STA (DALLAS RADIO 122.65 & 122.3 & 122 2
LOVE TOWER 118.7
LOVE GROUND CONTROL 121.9
LOVE CLEARANCE DELIVERY 120.0
LOVE APPROACH CONTROL 123.9
LOVE DEPART CONTROL 125.2

ADDISON ATIS 126.8
ADDISON TOWER 121.1
ADDISON GROUND CONTROL 121.6
ADDISON APPROACH CONTROL 123.9
ADDISON DEPART CONTROL 125.2
STAGE 1 RADAR CONTACT APPROACH ON 124.5

RED BIRD TOWER 120.3
RED BIRD GROUND CONTROL 121.7
RED BIRD APPROACH/DEPART CONTROL 125.2 & 124.5
STAGE 1 RADAR CONTACT APPROACH ON 125.2

MEACHAM FIELD ATIS 120.7
FT.WORTH RADIO (FSS) 122.6 & 122.2
MEACHAM TOWER 118.3
MEACHAM GROUND CONTROL 121.9
MEACHAM APPROACH//DEPART CONTROL 125 8 & 120.5
STAGE 1 RADAR CONTACT APPROACH ON 120.5

DALLAS NAS TOWER 126.2 & 340.2 & 360.2 & 336.4
DALLAS NAS APPROACH CONTROL 125.2 & 124.5 & 372.1
DALLAS NAS DEPART CONTROL (E)125.2 & 322.1 & 372.1 (W 120 5 & 364 0
DALLAS NAS GROUND CONTROL 382.8

CARSWELL AFB ATIS 287.1
GEN DYNAMICS RADIO 292.5 & 284.1
CARSWELL AFB APR/DEP 120.5 & 133.15 & 309.8 & 227.8
CARSWELL AFB TOWER 118.8 & 255.9
CARSWELL AFB GROUND CONTROL 121.85 & 275.8
STAGE 1 RADAR CONTACT APPROACH ON 133.15 OR 309.8

ARLINGTON TOWER (UNICOM) 123.0
ARLINGTON APPROACH CONTROL 120.5
ARLINGTON DEPT CONTROL 125.2 & 120.5
STAGE 1 RADAR CONTACT APPROACH ON 120 5

UNICOM FREQUENCIES 122.8 & 122.7 & 122.85 & 122 95 & 123 0

UNICOM FREQUENCIES-HELIPORTS 123.05 SHIP TO SHIP 122 75

Beginners Corner

Have a question? If you are a new scanner listener and don't understand something about monitoring that almost everyone else seems to understand, send in your question. When possible, your question and the answer will be printed. No answers will be sent by return mail. Your name will not be printed. Write to: David E. Crowley, 7234 Balson Ave., University City, MO 63130.

Q. With my Bearcat 250 I sometimes get only half the conversation, and I seem to be missing a few channels, but I don't know what they are. Here is the list that I monitor: 1) 155.24 .....50) 162.655. I have read your column on IF numbers, but my instruction book says, "IF Selectivity -60 dB @ ± 25 kHz" I don't know what this means or what to use in stations above 400.000.

A. Great! The Beginners Corner was established specially for this sort of question. Let's see if I can straighten things out for you. 1) there are several reasons why stations could be "missing" or giving only half the conversation - a) Transmissions from mobile units (e.g police cars) may be too weak for your scanner to receive but strong enough to reach the base station's antenna and receiver. b) Base and mobile units may be using two different frequencies, one for the base, and the other for mobile transmissions. c) Your BC 250 may have scanned past the channel you want and missed the reply. d) The list of channels monitored that you sent is entirely specific to your local region and provides almost no information related to your questions, unless the BC 250 hangs up (stops scanning) on one of these frequencies, producing only an audio hum. If this happens with the antenna unscrewed and removed, that frequency is a "birdie" for your scanner. Birdie frequencies are produced by the complexity of the electronicsin your scanner and should be eliminated from your monitoring list for the BC250.

2) The IF (Intermediate Frequency) is not listed in the BC 250 instruction manual. The IF Selectivity specification does not tell you what frequency the IF is. For BC250 scanners with serial numbers below 100,000, the IF is 10.85 MHz (Million Cycles per Second), while for serial numbers above 100,000 the IF is 10.80 MHz. The IF can be used in a scanner to receive frequenies outside the stated band limits and to eliminate interference from other stations in some circumstates. I suggest that you not worry about IFs and "Images" right now. Enjoy your scanner for a few months, and then go back and read my articles again.

Q. I'm not sure that my Radio Shack Pro 2002 is working properly. Is it supposed to .....?

A. I wish I could answer your questions, but I have never owned a Radio Shack programmable scanner. I suggest that you take your scanner back to Radio Shack, and compare its behavior, function for function, with their demonstrator Pro 2002. If other readers have an intimate familiarity with the Pro 2002, drop me a line if you 're willing to help with this question and I'll put this reader in touch with you.

Q. A local police department uses Motorol ConvertaCom radios. How does the ConvertaCom Work?

A. In stead of requiring two complete transceivers, one for the police car and one hand-held by the officer out side the car, the ConvertaCom uses the electronics in the hand-held for both uses. When he returns to the car he plugs the entire hand-held radio into a special receptacle in the control head for the mobile. Connections for microphone, antenna, power supply, battery charging and RF amplification are made as the hand-held is plugged into the mobile. This way, one radio - the hand-held - serves both mobile and portable operation. Experience with

ConvertaCom systems in the local area, however, suggests that reliability and field performance of these systems may pose problems.

Beginners tip for the month: We all await, with breathless anticipation, the arrival of the Bearcat 100 Programmable Synthesized Hand-Held scanner. As there are certain to be problems with the first units off the shelf, try to restrain your eagerness and wait for a thorough review in this Newsletter

Business, Etc.

Chuck Gysi, Editor

This column is for reporting frequency and radio system information for the following varied services: business, forest products, petroleum industry, special industrial, manufacturers, news media (behind-the-scenes radio, TV & newspaper), motion picture industry, security (private patrol, detective agencies, campus security & police, amusement park & stadium security, shopping center & mall security, plant/business/hotel security, etc.), General Mobile Radio Service (GMRS), mobile phone/RCC & paging, trucking firms, bus lines, taxi cabs, tow trucks, utility companies (private & municipal water, power, electric, gas, telephone, etc.), and all school & college related frequencies.

NO COLUMN THIS ISSUE

TWO R.C.M.A. MEMBERS HAVE PUBLISHED

The paste up crew has locally obtained two publications which we feel the club should know about. These would make good 250+ page Christmass presents.

THE COMPLETE ACTION GUIDE TO SCANNERS AND MONITORS by Louis A. Smith II R.C.M.A. member PA 026. Book #1190 Tab Books Inc. This is a good reference book for all monitors. Excellent for beginners, in that it gives a good laymans approach to understanding specifications, and what to look for in reading specifications. For a May 1981 copywright, the buyers guide is way out of date, but the history of scanning and the frequency allocation sections showing channel spacing make up for this shortage. We got our copy from the local library and they placed their stamp over the price, but we judge the price to be worth it.

SCANNER MASTER MASSACHUSETTS GUIDE by Richard Barnett R.C.M.A. editor of Public Safety East. This is a very professional publication containing the state, county, local and intersystem networks of Massachusetts. It has several maps, lists of codes, and many cross reference sorts of various frequencies. We cannot verify accuracy, but for its area it is in the same league as POLICE CALL (Southern California Edition) which is our bible. You will have to contact the author for ordering information. $9.95 is the price.

CANADA

Send Canadian frequency information, radio system details, other information relating to Canadian monitor radio listening, and questions to: Robert Berezowski, 5832 Dalhousie Drive NW, Calgary, Alberta T3A 1T1 Canada.

Last Monday, August 10, the members of the striking CUPW union voted 83.1% in favour of a new contract. With 33.1% to spare, we Canadians now have mail again! Hopefully things will return to normal soon. For awhile it seemed the war would never end. No one down in Ottawa seemed to care. An unfortunate side-effect of the strike is that I have not received any letters from members. I would hope that this will soon be rectified.

From Alex (CAN-040), here is the rest of his list I started last month.

149.410	Ambulance	London
150.100	"	Ontario
153.110	CJBK Radio	London
153.350	CKSL Radio	"
153.455	St John Ambulance	"
154.635	Fire	
154.950	Fire Dispatch	London
162.300	Ford Plant	Talbotville
163.585	CFPL radio, TV	London
163.740	Municipal transit	"
169.350	Public Works, Roads	"
169.800	Highway maintenance	"
170.280	Maclean-Hunter Cable TV	London
171.330	London Free Press	
173.205	Police	London
462.675	Purolator Courier	"
470.3125	Police	"
472.0375	"	"

From Doug (CAN-041) comes the following list of government and government agencies. The excerpts are part of a larger list that Doug supplied that I will use from time to time when space permits.

B.C. Ministry of Forests	Abbotsford XMW-362	164.040
		163.890
		163.830
		163.050
	Nanaimo XMW-570	163.395/164.265
		163.890
		163.830
		164.910/159.270
	Cranbrook XMW-205	162.690/166.710
		163.395/164.265
		163,830
		163.890
	Kamloops XMW-343	171.030/162.810
	Williams Lake XMW-854	164.040
		164.830
		164.890
		164.080/163.215
		164.080/163.285
	XMW-333	164.145/163.275
		129.250
	Prince George XMW-47	164.910/159.270
		164.090
		164.085/163.215
		122.900
	XMW-65	163.830
		163.890

	XMW-886	163,125/163.995
Vancouver	XMO-63	154.250
Canadian Penitentiary Service (Federal Pen's)		
Laval, PQ	XLI-372	151.475
Drumheller, Alta	XLL-302	151.475
Bowden, Alta	XLK-258	151.475
Saskatoon, Sask.	XLM-527	413.9375
		417.4625/412.4625
		468.9375/466.2375

I am afraid that is all I have time to publish this month. The end of the postal strike caught me a little off guard. I didn't have anything substantial prepared for this column. The reason for this is that I have been getting things ready for my vacation. Myself and a friend are going to "rough it" for a week camping in British Columbia. We're leaving bright and early tomorrow. Next month you can expect more than what you saw this month.

contact/info wanted

This column has two purposes: to help members contact each other, and to help members obtain information directly from one another on various subjects related to 2-way communications monitoring. If you desire to converse, meet, or correspond with other members by telephone, letter, or cassette tape in a certain geographic area or with members who have similar listening interests, this is the perfect place for you to make your desires known. Remember--those who respond will do so directly, so be sure to provide your phone number, the best time to be called, or your address.

Write to: John W. Darr, P. O. Box 1652, Cheyenne, WY 82003-1652

FREQUENCIES TO SWAP: A long-time scanner buff has many, many frequencies, particularly in New Haven and Fairfield Counties of Connecticut, that he'd like to swap -- 2-meter, Marine, rail, taxi, aircraft, media, etc., etc. [8-21-81]
ALLAN NESTEEUK (CT-???), 45 Murray Street, Ansonia, CT 06401

MICHIGAN INFO: Member needs Clinton County (Michigan) frequencies for conservation officer mobile-to-base or car-to-car. [8-23-81]
CHARLES CORNELL (MI-Ø94), 3798 E. M-21, St Johns, MI 48879

SOUTHEAST & DC AREA FEDERAL FREQS: Looking for members who will exchange federal frequencies for any area, but especially the Southeast and DC areas. (See below.)

NASCAR RACE DRIVER INFO: Want information/frequencies for NASCAR race drivers. (See below.)

ASSASSINATION ATTEMPT TAPES: Will pay all costs for cassette tapes of radio communications during the Reagan assassination attempt. [8-26-81]
HARRY McCABE (NC-ØØ8), 898 Old Orangeburg Road, Lexington, SC 29072

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FCC TOPICS

George DuBois, Editor

Send FCC news and information of interest relating to two-way communications above 30 MHz, as well as questions regarding the FCC Rules and Regulations, to: George DuBois, 10048 NE Campaign, Portland, OR 97220.

The FCC has finally taken action on a number of proposals regarding the allocation of the remaining 200 channels in the 806 to 866 mHz band. What they did is combine them and issue a Further Notice of Proposed Rulemaking! 851 mHz channels are presently assigned sequencially, licensees in eligible services being assigned on a frequency until it is "loaded", then the next channel is assigned until it is loaded, etc. If a licensee has a sufficient number of mobiles, he is assigned the channel exclusively. A licensee may now be assigned a max -imum of five conventional channels. Beyond this he must utilize a trunked system. Because of the way the Commission assigns the channels there is no frequency coordination at 851 mHz, which some contend has led to wasted spectrum. The Further Notice proposes going back to something like the old block allocation method, the available channels divided into four categories. 70 channels will be available for the Industrial Services (except Business) and the Land Transportation Services. 50 channels will be available for the Business Radio Service. Another 70 channels will be for Specialized Mobile Radio Systems or multiple licensed repeaters. And 60 frequencies will be available for the Public Safety and Special Emergency Radio Services, although this includes the 50 "slow-growth" channels recently allocated (April column) The number of channels in each category will be different in the Los Angeles area, to reserve some of the channels for use in the San Diego area (after agreement is reached with Mexico and they become available there). The Commission is also proposing sharing between categories and also that the category groups expire after three years, with all frequencies available to any service. Applicants for the new channels may select a frequency and either submit an engineering study or use a frequency coordination committee. No groups of channels will be limited to either trunked or conventional use as was done with the first 300 channels. A user may select either mode as he wishes. But it is proposed that only two conventional channels be assigned to any licensee. If a third channel is needed, the licensee must convert to trunked operation. Higher loading standards would be applied on the new channels within 75 miles of the 25 largest urban areas. Another, unique part of the proposal is that which will allow any type of emission or bandwidth on the new channels. If all the licensees on a channel agree, they could have, say, four 5 kHz wide AM channels within a normal channel. The total power of the individual carriers couldn't exceed the present power limit and the bandwidth couldn't exceed the existing 25 kHz channel width, although two consecutive channels might be assigned if it is spectrally efficient.

The FCC has reallocated the low-band mobile telephone channels for one-way paging by either RCCs or wireline Common Carriers. With the recent allocation for cellular mobile phone at 800 mHz, the Commission concluded that the demand for additional paging frequencies exceeds that for mobile phone use, on low-band at least. In spite of the concern for TVI, it was decided to allocate the 43 mHz mobile channels for paging also, with the same constraints as the two present 43 mHz paging channels, 43.22 and 43.58. (See August newsletter, bottom, p.65) No new mobile phone stations will be authorized, but existing licensees may continue to operate. (These are mainly in the Northeast, Ohio and Michigan, and the length of the west coast.) To protect these stations from E-skip interference, no paging licenses will be granted to

potential stations located between 750 and 1500 miles of an existing mobile phone station. No geographical assignment plan will be instituted for paging stations, although they may transmit a modulated "idle-channel" carrier to protect against skip interference. The channels (35.26 through 35.66 and 43.26 - 43.66 mHz in .04 mHz steps) have Special Industrial Radio Service channels between most of them and informal coordination between licensees in both services is suggested, with a recommended six mile separation between bases. This is to prevent adjacent-channel interference.

Part 87 was amended to allocate two new frequencies in the Aeronautical Enroute Service for use by smaller air carriers (carriers operating aircraft with a capacity of up to 56 passengers or 18000 lbs) The Enroute Service, or "company channels" are between 128.8 and 132.0 mHz and are for the operational control of aircraft by their operating companies. The two new channels, 122.825 and 122.875, will permit smaller airlines to operate their own enroute station(s) for local service without the administrative burden and charges involved with an ARINC assigned frequency. They are outside of the present band for the Enroute Service, but were the only channels available that aren't presently allocated.

The Commission has issued a Notice of Inquiry regarding the requirements of the Special Emergency Radio Service in the UHF band. A Rulemaking petition regarding proposed standards for EMS systems was submitted by the National Highway Traffic Safety Administration a few years ago and was denied last year, mainly because the Commission didn't wish to impose standards on system design that they considered a local matter. Also, a number of EMS systems were operating or in the design stage, and the FCC didn't wish to impose new regulations at that point. The new Inquiry seeks comment on whether the existing rules are adequate for the operation and developement of EMS systems, whether new communications techniques should be allowed or whether existing rules should be relaxed or otherwise changed.

In response to a Petition for Rulemaking the FCC has issued a proposal to expand the use of the 420-450 mHz band for radiolocation to inland areas. Use of the band was authorized in coastal areas in 1976 for offshore mapping, etc., until Jan., 1981. This was extended indefinetly late last year. Now, Del Norte Technology, Inc. has petitioned to allow its use nationwide using spread-spectrum or other techniques. Supporters cite uses in forestry mapping, positioning for agricultural spraying, photogrammetry and aerial surveying. IRAC supports the allocation. All use would be on a non-interference basis to the primary use of the band, which is Government radiolocation. (Amateur use is on a secondary basis to Government use.)

The Commission has proposed amending Part 74 (Broadcast) to allow them to order immediate suspension of operation of any station causing interference that may constitute imminent danger to the safety of life or protection of property. The amendment is thought necessary because of the case where TV crews' ENG equipment caused interference to NASA communications equipment during the April Space Shuttle flight at Edwards Air Force Base, Ca. The TV people voluntarily shut down their gear but the FCC wants to be prepared in case something like this occurs again.

Another proposed rule change will make the 38.6 to 40 gHz band available on a secondary basis for broadcast ENG use. The band is presently allocated for Fixed (point-to-point) use but has little use because of atmospheric attenuation. The petitioners for the new allocation state that the existing bands, 1990-2110 mHz, 6875-7125 mHz and 12.7-13.25 gHz are virtually saturated in the largest US cities. This proposal has practically nothing to do with scanners but after reading the preceding proposal, I thought you might want to know what frequencies they were talking about.

Also having almost nothing to do with scanners is the Final Order allowing the use of a subcarrier on a TV stations sound carrier for communications with ENG crews. This permits the use of otherwise

unused spectrum and gives TV stations an alternative to their regular communications frequencies, which are very crowded in some cities. If your favorite stations ENG "talk-back" disappears in the near future, this is probably where they went.

The FAA has requested that the FCC modify its rules to allow for Automatic Aviation Weather Reporting Systems at smaller airports and airfields with no control tower. These would be similar to the ATIS stations the FAA operates at larger airports, but would in many cases be privately operated. Only one such station would be authorized at any airfield and the FAA would coordinate and assign frequencies.

The Commission has proposed reallocating TV channel 17 (488 through 494 mHz) to Radio Common Carriers for fixed, inter-island service in Hawaii. The petitioner, RadioCall, Inc., states that the band is needed because there exists a definite need for additional frequencies for transmitter control purposes. The 72 mHz Fixed band is unavailable because TV channel four is assigned in Honolulu, the distances are too great for the 2100 mHz band and wireline service is prohibitively expensive or non-existant.

The FCC has proposed eliminating the restriction that bars eligibility to non-profit corporations or associations of users in the Business and Special Industrial Radio Services below 512 mHz. This will allow co-ops and user groups to share facility costs on a not-for-profit, cost-shared basis in these two services. The present ban only applies to these two services and even then, not to 851 mHz and appears to serve no usefull purpose.

Part 90 was amended this month to allow low-power use of 12.5 kHz offset frequencies in the 450-470 mHz band by most services, but I don't have the text of the amendment yet so it'll have to wait until next time.

WARC Update

The FCC has issued Second and Third Notices of Inquiry regarding implementation of the final acts of the 1979 World Administrative Radio Conference. The Second Notice pertains to FCC allocation of the frequencies from 28 through 1215 mHz, the Third 1.215 through 40 gHz. Upon ratification of the Treaty by the Senate the FCC rules should conform to the WARC provisions as soon as possible after its effective date, Jan. 1, 1982. These Notices are the first steps in the process of conforming the Rules.

One change the WARC made was to modify the allocation in the Aeronautical Navigation Service at 75 mHz. The band available for aeronautical beacons will be narrowed to 74.8 to 75.2 mHz, instead of the present 74.6-75.4. The two extra 200 kHz segments from the guard band will be allocated to fixed and mobile service, but no assignments will be made until Jan., 1990. Another change allocates the 136-137 mHz band from the present Space Research service to the Aeronautical mobile service which will expand the aircraft band to 118 to 137 mHz in 1990. After 1990 the Space service will be on a secondary basis, but the FCC proposes no new assignments in the Space service after that date.

The US sought worldwide allocation of the 216 to 220 Mhz band for Maritime use. This was denied, but maritime use was approved in this hemisphere. Worldwide, WARC did give the fixed/mobile service primary status from 216-220 mHz by 1990. Radiolocation will be given secondary status. In light of this, a footnote will be added to our Table of Allocations to protect the Navy SPASUR system in the southern US in the 216.88-217.08 mHz band. The US and a number of NATO countries stated that they reserve the right to operate satellite systems in the 235 to 400 mHz band on a primary basis, which the WARC dissallowed. This, of course, has nothing to do with this Inquiry, since it's a Government allocation.

The WARC deleted the secondary allocation of the 420-430 and the 440-450 mHz bands to the Amateur Radio Service except in the US and

three Pacific countries. Therefore, the US will have to propose prohibiting the use of the 420-430 mHz band in the Amateur service near the Canadian border, since Canada uses this band for other mobile services.

Either primary or equal allocation was added for land mobile use in the 470-512, 614-806, 942-947 and 952-960 mHz bands, but only with international coordination. The US did not accept this provision, but the FCC indicates it will coordinate use with neighboring administrations. 512-608 mHz was also made available for mobile service on a shared basis with broadcasting; the FCC is not presently proposing this use.

The Commission is also seeking comment on whether to adopt the WARC provision allocating the 806-890 mHz band to the mobile-satellite service on a primary basis, or possibly a part of the band, those segments not presently allocated.

Another provision would make the 902-928 mHz ISM/Government band available to the Amateur Radio Service in this hemisphere, on a secondary basis. At the same time, another provision would take away 1215-1240 mHz section of the 1215-1300 mHz band, which is allocated to the Amateur service on a secondary basis. This band would be allocated to the Navigation-Satellite Service for worldwide use for the NAVSTAR Global Positioning System. This was a US proposal. Part of the 2300-2450 mHz ham band also would be lost, to Aeronautical telemetry service.

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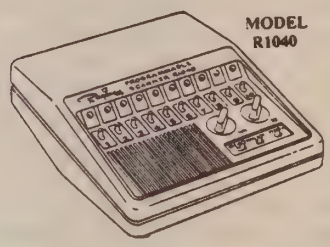

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International

Richard Stein, Editor

This column is for reporting two--way communications frequencies above 30 MHz, radio system details, monitoring experiences, and any other information relating to monitoring in countries other than the United States and Canada. Send to: Richard Stein, 456 Barrymore Place, North Brunswick, NJ 08902.

I've had some questions relating to the forthcoming BC-100 which Kenneth Wilson of Electra has been kind enough to answer.

Electra Company
Division of Masco Corp. of Indiana

300 East County Line Road
Cumberland, Indiana 46229

Telephone (317) 894-1440

August 5, 1981

Mr. Ricky Stein
RCMA
456 Barrymore Place
N. Brunswick, NJ 08902

Dear Mr. Stein:

I sincerely appreciate the opportunity to respond to questions posed by your membership concerning the Bearcat 100 as well as other products in our line. As for those from your letter of July 20, 1981:

1. Yes, we expect to be shipping limited production quantities to the field in late August or early September.

2. The Bearcat 100 channel spacing is programmed as follows:

   30 - 50 MHz 5 Kc
   138 - 174 MHz 5 Kc
   406 - 512 MHz 12.5 Kc

   This arrangement should include all assigned frequencies.

3. As noted previously, the Bearcat 100 frequency coverage has been expanded to include the Canadian bands of 138 - 144 MHz and 406 - 420 MHz. A future model will be available for European distribution which will substitute the 66 - 88 MHz band for the standard low band of 30 - 50 MHz

4. The electronics package for AM-FM detection that we currently use in our other Bearcat models would be too large and draw too much current to be adaptable to the very small technology of the BC 100.

I'm sure our design engineering staff will continue working on products to satisfy our customers' needs.

Hope these answers are adequate for your needs.

Please feel free to contact me if you have any further questions.

Sincerely,

K Wilson

Kenneth C. Wilson,
Manager, Product Development Plannint

Manufacturers of the Bearcat® line.
KCW:ay

Have some more on those strange 102MHz signals appearing at 67MHz over in Northern Ireland. David (NIRE-001) originally reported receiving Fire Brigade signals from 102.xxMHz on his BC-220FB at 67.1625, et.al. You may remember that no one has been able to explain why these signals pop up here, not even Electra. Well- it seems that Pete (NIRE-002) is also getting these signals on his SX-200 but .150 MHz lower, that is, on 67.0125. The signals are strong and some come from transmitters 40-50 miles from Londonderry. If this was the usual image type of reception, one might expect some attenuation of such distance signals. An examination of the IF's of the two radios is being made for a comparison of the differences in reception.

Another interesting note. David reports seeing an information sheet in a BC-220FB service manual at one of the local Radio Shack stores. The sheet reported these very same reception quirks attributing them to some IF condition in the radio. This was NOT a sheet put out by Electra. David has been trying to locate and copy the information in the sheet. The sheet has seemed to have vanished. Hopefully we'll have more for you on this in a future issue. לשנה טובה

Marketplace

Gary M. Darcy, Editor

Members may advertise, free of charge, items wanted, items for sale, and items for trade that are associated with the hobby of monitor/utility radio listening. No dealer ads will be accepted for this column. RCMA assumes no responsibility for the outcome of any transactions between members resulting from ads printed in this column. Send to: RCMA MARKETPLACE, c/o Gary M. Darcy, P.O. Box 1329, Palmdale, CA 93550. Please be sure to include your membership number.

FOR SALE: Opti-Scan 10 channel synthesized scanner. Cards, cords & antennas included. AC/DC. VHF Lo-Hi/UHF. $ 125.00. Contact: BOB MOORE (CA-OR-058), 16390 Jupiter Circle, Westminster, CA 92683 or phone 714-842-0214.

FOR SALE: Paper printouts of official FCC microfiche for any city in U.S.A. for $ 5.00. Cities with over 100,000 population for $ 10.00. Printouts sent by 1st Class Mail. Contact: GARY MONDFRANS (CA-SM-009), P.O. Box 892, San Bruno, CA94066.

FOR SALE: Any licensee researched in official FCC microfiche. $ 1.00 per name plus SASE. Contact: GARY MONDFRANS (CA-SM-009), P.O. Box 892, San Bruno, CA94066.

FOR SALE OR TRADE: MFJ-1020 indoor active-probe (small whip) antenna. Can also be used for outside (long wire) antenna coupler and pre-selector. Little used, has box & instructions. Covers 300 khz to 30 mhz. Retails for $ 80.00--yours for $ 55.00 postpaid in U.S. WANT: Palomar low frequency converter (10-500 khz).

Must be in excellent condition. Contact: MAJOR RON HAMMER (CA-PL-001), 821 Elisa Way, Roseville, CA 95678 or phone 916-783-0673.

WANTED: Hallicrafter Civic Patrol tuneable scanner; or Radio Shack Pro-2 tuneable in good condition. Contact: LUTHER L. BRANCH (MO-001), 44 N. Henderson Ave., Cape Girardeau, MO 63701.

FOR SALE: Bearcat BC-250. Excellent condition. $ 175.00. Will ship via U.P.S. Contact: CHARLES M. LePAGE (WV-012), 9 Westover Ave., Apt. C-6, Caldwell, NJ 07006 or phone 201-226-7911 days or 201-228-4429 evenings until 2300.

FOR SALE: Crystal Kits single inversion de-scrambler. Works excellent. $ 200.00 or best offer. Capri automatic tape relay. Allows one to tape record radio traffic when away from scanner. $ 25.00 or best offer. Contact: WAYNE AMOS (VA-021), 55 Claypit Hill Rd., Wayland, MA 01778 or phone 617-358-4552. No collect calls, please.

FOR SALE: Bearcat 101 w/ACA 402 accessory adaptor for tape recorder. $ 185.00. Contact: ARNOLD L. SALMON (SD-001), Rt. 1 Box 119, Canova, SD 57321 or phone 605-523-2548.

FOR SALE OR TRADE: Bearcat Model Four-Six handheld scanner. VHF Lo-Hi/UHF/UHF-T. 6 channel. Includes rubber duckie antenna & fresh batteries. $ 100.00. Will ship via U.P.S. Price includes choice of 6 available crytals on hand; send for list of frequencies. Would also consider working out a trade for a Bearcat 101 or Regency M-100. Contact: RON MURRAY (CA-VE-013), 301 Vineyard #446, Oxnard, CA 93030 or phone 805-485-0031 0900-1200 Pacific Time.

FOR SALE: Regency type crystals. Send SASE for list. $ 2.00 each postpaid. Contact: FRANK L. BICKFORD (NH-005), Rte. 2, Wolfeboro, NH 03894.

FOR SALE: Bearcat BC-300 in mint condition. $ 330.00 includes U.P.S. shipping. Contact: DAVID PAGE (ME-013), 8 Shirley St. Apt. 3-A, Skowhegan, ME 04976 or phone 207-474-8903.

FOR SALE: TMR monitor crystals. Send SASE for list. Contact: KIRBY NISH (NV-008), 6230 Pursia Rd., Carson City, NV 89701.

FOR SALE OR TRADE: Bearcat 210. Excellent condition. $ 125.00 Regency ACT-E 16 H/L/U 16 channel crystal scanner. Good condition. $ 85.00. Will trade both for a Bearcat 250 or Regency M-400 in good cood condition. Contact: HARRY McCABE. (NC-008), 898 Old Orangeburg Rd., Lexington, SC 29072.

FOR SALE: Bearcat Jolly Roger 2 channel UHF scanner & AM radio w/AC adaptor. Perfect condition. $ 25.00. Contact: HARRY McCABE (NC-008), 898 Old Orangeburg Rd., Lexington, SC 29072.

FOR SALE: Regency & Bearcat type crystals. Send SASE for list. $ 1.00 each or 3 for $ 2.50. Contact: HARRY McCABE (NC-008), 898 Old Orangeburg Rd., Lexington, SC 29072.

WANTED: Bearcat 4 or Bearcat 12. Should be in good condition. Will take best price offer. Contact: IRA SHEINMAN (NJ-073), 177 Cherry Lane, River Edge, NJ 07661 or call 201-343-7472.

FOR TRADE: Regency crytal for 39.34. Want to trade for 39.40. Contact: RICHARD L. KRAMER (PA-093), 340 Main St., Blandon, PA 19510 or phone 215-926-1968 before 1500 Eastern Time.

FOR SALE: Regency type crystals. Send SASE for list. $ 3.95 each. Contact: MARK A THOMAS, JR. (VA-051), 12163 Nokesville Rd., Bristow, VA 22013.

FOR SALE: Regency TME-16-HLU. Includes owners manual. $ 300.00. Contact: MARK A. THOMAS, JR. (VA-051), 12163 Nokesville Rd., Bristow, VA 22013.

FOR SALE: FCC microfiche as of March 1981. Complete except for AK, AL, AZ, CA, CO, IA, ID, IL, IN, MI, MN, MO, MS, TX, & UT. 24 sheets list licensee & call sign by frequency; sorted by city within each state. $ 10.00. Will ship by 1st Class Mail. Please enclose SASE for return of your check if you are not the first. Contact: SHEL SHALLON (CA-LA-392), 11058 Queensland St., Los Angeles, CA 90034.

FOR SALE OR TRADE: Bearcat BC-250. Excellent condition. Will go out of band. $ 200.00. Bearcat BC-101. Excellent condition. Will, also, go out of band. $ 125.00. Bearcat 8-track scanner. VHF Lo-Hi. $ 50.00. Have other items; send SASE for list & particulars. Wanted: Syne Wave Boxes. Contact: LARRY PHALEN (FL-091), P.O. Box 390-613, Miami Bch., FL 33139 or phone 305-893-4140 anytime. No collect calls, please.

FOR SALE: Russell Digi Scan, 10 channel, High & Low band hand held scanner in good condition, with charger, rubber duckie, warranty card. $ 115.00. Contact: JERRY CALLAM (OH-015), 104 Maplewood, Mt. Vernon, OH 43050.

FOR SALE: Repair manual for Regency K-500.
Contact: JERRY CALLAM (OH-015), 104 Maplewood, Mt. Vernon, OH 43050.

FOR SALE: Bearcat 5, 8 channels, H/L/U, AC only, 1 year old. With crystals for the following frequencies: 154.235 / 155.550 / 155.34 / 42.12. Also will throw in Radio Shack Patrolman tuneable monitor, H/L/U Pro-3A. Both in real good condition. $ 100.00 ($ 85.00 w/o BC-5 crystals).
Contact: AL CHRISTOPHER (MS-008), 122 Margaretta Dr., Starkville, MS 39759.

FOR SALE: Bearcat 250. Excellent condition; can be programmed out of band. Asking $ 230.00. Contact: MATT MERCER (WA-012), 6416 Brandywine Way, Las Vegas, NV 89107 or phone 702-870-7740.

FOR SALE: Bearcat crystals. Send SASE for list. Contact: MATT MERCER (WA-012), 6416 Brandywine Way, Las Vegas, NV 89107 or phone 702-870-7740.

FOR SALE: One Bearcat AC adaptor and one Bearcat battery charger. $ 6.00 each. Contact: MATT MERCER (WA-012), 6416 Brandywine Way, Las Vegas, NV 89107 or phone 702-870-7740.

FOR SALE: Bearcat BC-250. Excellent condition. With all accessories & manual. Will receive 406-420 mhz. $ 200.00. Contact: GERRY KERNS (CA-OR-193), 1250 S. Sycamore, Santa Ana, CA 92707 or phone 714-836-7050 or 714-834-1805.

FOR SALE: Realistic PRO-2001. Excellent condition, have original packing, mounting bracket, cord, instructions. $ 275.00. Contact: TOM OSENKOWSKY (CT-031), 5 Beechwood Grove, Brookfield, CT 06804.

FOR SALE: Realistic Patrolman PRO-2 tuneable. $ 60.00. Excellent condition. Contact: TOM OSENKOWSKY (CT-031), 5 Beechwood Grove, Brookfield, CT 06804.

FOR SALE: Bearcat Thin Scan H/L, $ 75.00. Regency 4-channel UHF, $ 60.00 (like new w/warranty card). Bearcat-6 6 channel H/L (like new $ 60.00. Regency 8 channel VHF Hi (AC/DC) $ 50.00. 4-channel Bearcat UHF pocket scanner $ 100.00. Will ship free. Contact: GARY MONDFRANS (CA-SM-009), 713 Pepper Dr., San Bruno, CA 94066.

FOR SALE: Bearcat 300. 8 months old; good condition. $ 350.00; price is negotiable. Contact: RAY HILL (IN-023), 636 E. Washington St., Greencastle, IN 46135 or phone 317-653-6479.

FOR SALE: Regency ACT-T-16K 16 channel programmable scanner. Needs some work, sometimes does not scan properly. $ 70.00 shipping included. Contact: CHUCK SANDEY (MN-013), 7100 Chicago Ave. So., Richfield, MN 55423.

FOR SALE OR TRADE: Bearcat 150. 2 months old, perfect condition. $ 200.00 or will trade for a Regency K or M 100 series unit. Contact: RICHARD AVERY (CA-AL-020), c/o Employee Village @ Jackson Lake Lodge, Moran, WY 83013.

FOR SALE OR TRADE: DX-300. $ 300.00 or best offer; will trade for good Hammarlund, Hallicrafters, National, etc., plus $ 100.00 cash; DX 100 for $ 90.00. Contact: RONALD POKATILOFF (IL-083), 2661 Sheridan, Zion, IL 60099.

FOR SALE: Bearcat 250. No mobile gear, but everything else. 3 years old, but still in good condition. $ 100.00. Contact: LEWIS S. HARVEY (GA-008), 415 E. Hall St., Savannah, GA 31401 or phone 912-233-2775. NO COLLECT CALLS.

FOR SALE: Bearcat 220. No mobile gear, but everything else. 2 years old, excellent condition. $ 100.00. Contact: LEWIS S. HARVEY (GA-008), 415 E. Hall St., Savannah, GA 31401 or phone 912-233-2775. NO COLLECT CALLS.

FOR SALE: Midland 4 channel hand held. VHF Hi (150-174)/UHF 450-470). Channel 1 by-pass; carrying case w/belt clip; telescopic antenna; 2 sets of Ni-Cad batteries w/charger; 16 assorted crystals & manual. $ 75.00. Contact: LEWIS S. HARVEY (GA-008), 415 E. Hall St., Savannah, GA 31401 or phone 912-233-2775. NO COLLECT CALLS.

FOR SALE: Bearcat crystals. Send SASE for list. $ 1.00 each or 13 for $10.00. Contact: LEWIS S. HARVEY (GA-008), 415 E. Hall St., Savannah, GA 31401 or phone 912-233-2775. NO COLLECT CALLS.

FOR SALE OR TRADE: Bearcat 250. Used, good condition. $ 175.00 or best offer. Bearcat 4-6. Used, good condition w/accessories. $ 80.00 or best offer. Bearcat crystals. $ 1.50 each. Send SASE for list. Realistic Patrolman Pro-3A tri-band tuneable. $ 20.00 or best offer. Am looking for a Bearcat 12 and a Bearcat 101 (or any 16 channel tri-band scanner, Bearcat or Regency preferred) willing to pay reasonable price or trade for any of above. Will pay for U.P.S. Contact: ED GEERY (NY-129), 170 Brookview Dr., Irondequoit, NY 14617.

FOR SALE: Regency H-604 4-band 6-channel pocket scanner w/charger. New w/warranty card. $ 120.00. Will ship U.P.S. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

FOR SALE: Bearcat 2-4 aircraft pocket scanner. Covers aircraft & 450-470 mhz. New w/warranty card. $ 80.00. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

FOR SALE: Motorola Model PA-8098 tube type FM receiver. For AC use; needs external speaker. In working condition, set on 42.44 mhz. $ 30.00 plus U.P.S. shipping (30 lbs.). Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

FOR SALE: Petersen Radio Co. RM2-4 solid state 4 channel monitor receiver. Covers 2 mhz to 200 mhz using individual crystal osc boards that plug into main board. One board included, also AC/DC cords. Radio Shack (Ft. Worth) now handles the boards for this unit. $ 50.00. Will ship U.P.S. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

FOR SALE: Radio Shack Pro-2001 w/service manual. Everything appears to function OK, except it doesn't receive. I bought it to repair for myself, but now I don't have the time. $ 50.00. Will ship U.P.S. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

FOR SALE: Motorola type power speakers. 15w/12vdc. I have 4 of them. Asking $ 35.00 each. Will ship U.P.S. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

WANTED: Service manual, parts list, or schematic for GE FM Receiver Model 4E R6C5 rev F. Does anyone have any of these old units for sale? Also, I'm looking for replacement vibrators by Mallory, part #G1801S or G1801. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

WANTED: Regency single channel or 12 channel monitor receivers for low, high & UHF bands. Drop me a line on what you have, the condition, and your price. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

FOR SALE: Many Regency & Bearcat type crystals. $ 3.00 each or 4 for $ 10.00. Send SASE for list of crystals to: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122.

WANTED: 1976 edition, Volume 7 of Police Call radio directory. Will pay $ 5.00 if in good condition. Contact: MICHAEL BENNETT (TX-081), 804 N. Pine, Bonham, TX 75418 or phone 214-583-7118.

WANTED: Commercial quality single (or multi) channel VHF Hi Band monitor receiver. Tube type OK. Contact: MIKE MEGEE (TX-077), 14327 Crosshaven Dr., Houston, TX 77015.

FOR SALE: Many Regency & Bearcat type crystals. $ 2.00 each or 3 for $ 5.00. Send SASE for a list of crystals to: JOSEPH W. McLAUGHLIN (MD-002), 610 Scott St., Baltimore, MD 21230.

WANTED: Complete operating manual for Motorola receiver model R/1121/TRC/87 will purchase outright or photocopy and send back yours. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: A recently published list of FCC microfiche licenses & frequencies for all or part of Ohio (Northeast), original or photocopied. State what you have & price. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: Allied Radio Knight Kit "Ocean Hopper." With or without plug-in frequency coils, state condition & price. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: Issues 1 through 6 of "SCANNING TODAY," originals or photocopies, state what you have & price. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

This column is for reporting Public Safety and Special Emergency frequency information, radio system details, radio codes, dispatch areas, unit numbering systems, etc. for police, sheriff, fire forestry (except USFS), fish and game, highway patrol, state police, prisons, prisoner work camps, local government, highway and street maintenance, port authority/ bridge maintenance, animal control, ambulances, paramedics, hospitals, life guards, ski patrol, search & rescue, flood control, civil defense and disaster organizations. Input and questions for this column must be sent to the proper regional editors of Public Safety, who are listed below.

PUBLIC SAFETY - EAST

Send Public Safety and Special Emergency frequencies, radio system details, and questions for Connecticut, Delaware, District of Columbia, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, and West Virginia to : Richard Barnett, P.O. Box 428. Newton Highlands, MA 02161.

Pennsylvania

From John (PA-066): City of Reading/ County of Berks Radio Signals

CODE #

1. Receiving Poorly
2. Receiving Well
3. How is Reception?
4. Acknowledgement
5. Relay
6. Busy (specify)
7. Out of Service
8. Back in Service
9. Repeat Your Message
10. Out of Service - Subject to Call
11. Cancel Last Detail or Message
12. Complete Detail as Soon as Possible
13. Stand-by
14. State Your Location
15. Emergency - Requesting Air Priority
16. Assignment Completed
17. Illegal Use of Radio
18. Arrived at Scene
19. Return to (specify)
20. Telephone (specify)
21. Beginning Tour of Duty
22. Ending Tour of Duty
23. Stopping Suspicious Vehicle or Person (Give complete description & location Required to 10-06 or 10-08 within 3 minutes)
24. General Broadcast - Copy
25. General Broadcast - Cancel
26. Request Scofflaw Check
27. Request Operator's Registration Check
28. Request Vehicle Registration Check
29. Check Records for Wanted
30. Direct Traffic
31. Convoy or Escort
32. Weather or Road Report
33. Time Check

34. Traffic Light Out
35. Street Light Out
36.
37.
38.
39.
40. Send Patrol Wagon
41. Send Ambulance
42. Send Tow Truck
43. Send Coroner
44.
45.
46.
47.
48.
49.
50. Officer Needs Help (Emergency)
51. Officer Needs Assistance (No Emergency)
52. Crime in Progress
53. Approach with Caution (Armed)
54. Urgent - Use Lights & Siren
55. Urgent - No Lights or Siren
56. Mental Subject
57. Chase in Progress
58.
59.
60. See Complainant
61. Disorderly Person (specify)
    (adult or juvenile)
62. Intoxicated Person (specify)
    (driver or pedestrian)
63. Person Down
64. Fight
65. Family Quarrel
66. Prowler
67. Burglary Alarm
68. Excessive Noise
69. Suspicious (specify)
    (vehicle or person)
70. Vehicle Being Tampered With
71. Animal Case (specify)
72. Security Check
73. Vehicle Accident (specify)
    (F,P,PI,PD or H & R)
74. Personal Injury Accident
75. Traffic Violation (specify)
76. Investigate Ambulance Call
77. Assist Ambulance
78. Fire (specify)
    (still, bell, 2nd alarm or G.A.)
79. Trash Burner
80. Stolen Vehicle
81. Missing Person
82. Burglary
83. Robbery
84. Assault/ Mugging
85. Shooting
86. Cutting
87. Suicide
88. Larceny
89. Wanted Person/s (reason must be given)
90. Bomb Threat
91. Civil Disturbance
92.
93.
98. Road Block
99. Air Raid
100. Air Raid - All Clear

Berks County Central Dispatch -KKC815 155.070:

Unit #	Location or Township	Unit #	Location or Township
101	Mount Penn	141	Bern
103	Lower Alsace	143	Centre
105	Oley	144	Ontelaunee
106	Exeter	146	Maidencreek
109	Amity	147	Leesport
111	Birdsboro	148	Shoemakersville
113	Robeson	150	Muhlenberg
114	Caemarvon	151	Muhlenberg
115	Brecknock	152	Muhlenberg
116	Cumru	153	Muhlenberg
117	Cumru	155	Laureldale
119	Kenhorst	156	Temple
120	Mohnton	157	Fleetwood
121	Shillington	158	Fleetwood -Chief
124	West Reading	160	Kutztown
126	Wyomissing	161	Topton
128	Wyomissing Hills	188	F.B.I.
129	West Lawn	189	F.B.I.
130	Sinking Spring	190	Western Ambulance
132	Spring	191	Western Ambulance
133	Spring -Chief	193	Schuylkill Ambulance
134	Spring	194	Schuylkill Ambulance
135	Wernersville	196	Exeter Ambulance
139	South Heidelberg	197	Exeter Ambulance
140	Lower Heidelberg	199	Governor Mifflin Ambulance

Berks County Fire -KGB549 154.310:

Location	Location	Radio Signal
1. Wyomissing	10. Fritztown	1. Off the Air
2. Berkshire Heights	11. Shillington	2. On the Air
3. Textile	12. Gouglersville	3. Fire
4. West Reading	13. Grill	4. Emergency
5. West Lawn	14. Kenhorst	5. Stand-by
6. Sinking Spring	15. Vinemont	6. Return
7. Mohnton	16. Greenfields	7. Need Help
8. West Wyomissing	17. Lower Heidelburg	8. Out of Service
9. Lincoln Park	18. Brecknock	10.Fire under Control
	19. Cedar Top	20.Working Fire
		30.Radio Alert

Connecticut

From Don (CT-003):

Hartford County Mutual Aid Radio Network Signals:

1. Traffic Light Change (Route 44)	60. Change Frequency
2.	61. Apparatus Accident
3.	62. Mutual Aid
4.	63. Request for Coordinator
5. Bomb Scare (no lights or siren)	65. Working Fire
6. Need More Manpower	66. Refuel Apparatus
7. Send Fire Police	67. Sound Second Alarm
8. Send Gasoline to Scene	68. Sound General Alarm
9. Send State Forestry Crew	70. Are There any Instructions
10 .Filling with Water	71. Return to Station
12. Refreshments	72. Chief at Fire
23. Emergency (other than fire)	73. Available for other Assignment
24. Disaster	74. Repeat Message
25. Storm Warning	75. Death in Department
30. Call Ambulance	76. Search & Rescue
49. Air Raid Alert	77. Make Inspection
50. Alarm of Fire	78. Repeat Location of Fire
51. Report to your station	79. Give Location
52. Off the Air	83. Proceed with Caution
53. On the Air	85. Radio Test
54. Fire under Control	86. Call Chaplin
55. Send Police	87. Fire Apparatus at Scene
56. Call Water Company	88. Fire Officer at Scene
57. Call Gas Company	90. Maintain Radio Silence
58. Call Power Company	99. Air Crash
59. Phone Call (specify)	100. Report to County Control

Hartford County Connecticut Emergency Medical System:

The NCCEMS Communicationss System is a UHF two-way radio system having full-duplex and bio-medical telemetry capabilities. The system's base stations are connected to remote terminals in each of the hospitals by means of a "switch matrix" at the Regional Emergency Medical Communications Center located at the UConn Health Center in Farmington. The switch matrix is an electrochemical device which can connect any one of the base stations to one or more of the hospital remotes through the simple pushing of the proper button or buttons. Operating controls for the base stations as well as the hospital remotes are also located at the REMCC.

Hospital remote terminals are installed in each hospital emergency department. These have two-way voice, and, in some cases, biomedical telemetry capability. All operating controls for these terminals are located at the REMCC, thus freeing hospital personnel from the necessity to constantly monitor the radio and select the proper frequency.

Hospitals currently served by the system are:

Hartford Hospital, Hartford (voice & telemetry)

St. Francis Medical Center, Hartford (voice & telemetry)
Mt. Sinai Hospital, Hartford (voice & telemetry)
Manchester Memorial Hospital, Manchester (voice & telemetry)
John Dempsey Hospital, Manchester (voice & telemetry)
Bradley Memorial Hospital, Southington (voice only)
New Britain General Hospital (voice only)

Other hospitals are expected to be added to the system at a later date.

The system uses the following channels:

MED-2 (463.025/ 468.025MHz; primary telemetry)
MED-3 (463.050/ 468.050MHz; secondary telemetry)
MED-7 (463.150/ 468.150MHz; primary voice)
MED-8 (463.175/ 468.175MHz; secondary voice)
MED-9 (462.950/ 467.950MHz; local dispatch and car-to-car)
MED-10 (462.975/ 467.975MHz; regional coordination)

Sorry for the shortness this month, but I'm just starting school again. Much more coming up next time -editor.

PUBLIC SAFETY - CENTRAL

Send Public Safety and Special Emergency frequencies, radio system details, and questions for Alabama, Arkansas, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Tennessee, and Texas to: Mike Redman, P.O. Box 1177, St. Charles, MO 63301

Send material and questions for Illinois, Indiana, Wisconsin and Michigan to: John Arendt, 327 Boulder Hill Pass, Oswego, IL 60543.

Greetings! Ken, John, and I welcome you to another edition of PS-Central. There's a lot of material to cover this month, so I'll not waste too much of your time with idle chatter. As postage continues to rise, it's becoming increasingly more difficult to answer mail that doesn't include return postage. So, if you don't hear back from me after sending in a contribution, accept my thanks here in the column, and remember that it takes several months to see your items appear in the Newsletter. I appreciate your continued support of my column that started with just myself, and now takes three editors to write. Keep up the good work!

KANSAS

ANDY (KS-014) updates us with some new information from Johnson County. Andy reports two new frequencies: 158.745 (little traffic heard except for serving of sobpoenas and the like), and 158.895 (May be used in the future for dispatch of Leawood units which are currently dispatched on 158.775). He also advises of these additions to Overland Park PD:

F1	460.375	Dispatch
F3	460.500	Information
F5	460.100	Intercity
F6	460.225	Backup use when radio traffic may tie up the main channel for too long

Detectives, Andy says, generally use F1 or F3 for surveillance, and when this is done, regular channel traffic is moved to F6. In the unit numbering system, the first number designates the shift: 1 (nights), 2 (days), 3 (afternoons). The second number indicates the portion of the city: 0 (North of 95th St.) 5 (South of 95th St.) Third number indicates district. 355 would be an afternoon shift car South of 95th St. in District 5. 810, 811, 910, 911 are ride-along units and 400 series are detectives. Andy also provides the

Lenexa Police frequencies:

F1	460.325	"J21"	Dispatch
F2	460.450	"J22"	Lenghty transmissions
F3	453.450	"J23"	Intercity
F4	460.050	"J24"	car to car (no base or repeater)

All Johnson County cars and municipal cars within the County have Intercity channels 460.100 or 453.450. Information on these channels is apparently simulcast. Johnson County also uses these "J-codes":

J1	Homicide	J6	Larceny	J11	Known to Resist	J16	Wanted for Felony
J2	Rape	J7	Auto Theft	J12	Mental	J17	Misdemeanor record
J3	Robbery	J8	Narcotics	J13	Parolee		
J4	Assault	J9	Misc.Felonies	J14	Bomb Threat	J18	Ordinance record
J5	Burglary	J10	Armed/ Dangerous	J15	Wanted for Misdemeanor	J19	Traffic record

We thank Andy for all that information and the 10-code that follows. Do any of our Kansan members have a troop map with frequencies for Newsletter publication? This would be a worthy addition if anyone out there has one. On, now to the Johnson County Sheriff's Office 10-code.

JOHNSON COUNTY EMERGENCY COMMUNICATIONS SERVICE
JOHNSON COUNTY SHERIFF'S OFFICE 10-SIGNALS

10-1 Receiving poorly
10-2 Receiving well
10-3 Stand by
10-4 Affirmative
10-5 Relay
10-6 Busy
10-7 Out of service
10-8 In service
10-9 Repeat-conditions bad
10-10 Out of service-subject to call
10-11 Stay in service
10-12 10-10 station or city hall
10-13 Advise weather & road conditions
10-14 Convoy or escort
10-15 Prisoner in custody
10-16 Any traffic this unit
10-18 Complete present assignment as soon as possible
10-19 Return to your station
10-20 What is your location
10-21 Meet car at_____
10-22 Disregard
10-25 Do you have contact with_____
10-27 Request drivers license info.
10-28 Check full registration on_____
10-29 Check for wanted car or subject
10-30 Does not conform to rules or regulations
10-31 Urgent, all units 10-11
10-32 Is drunkometer available
10-33 Emergency traffic this unit
10-36 Correct time
10-41 Intoxicated subject
10-42 Officer_____now at home
10-43 Meet officer at_____
10-44 Investigate vehicle
10-45 Investigate vehicle with occupants
10-46 Investigate drunken driver
10-47 Auto accident-property damage
10-48 Auto accident-personal injury
10-49 Send ambulance to_____
10-50 Send tow truck to_____
10-64 Net clear
10-65 Clear for item assignment
10-66 Clear for cancellation
10-67 Clear for net message, no item assignment
10-75 Stand by, interferring with other units
10-77 No contact at all
10-80 Traffic light out (give full details)
10-81 Call dispatcher for house to watch
10-82 Call dispatcher for phone number
10-83 Call dispatcher for info.
10-84 Advise phone No. your 10-20
10-90 Hold traffic, passenger or 10-15 in vehicle
10-91 What officer on duty
10-92 Car service-give location
10-93 Active warrant for subject

10-38 Urgent (not emergency)
10-39 Military personnel involved
10-40 Fatality report
10-94 Active item-subject or auto
10-97 Arrived at scene
10-98 Finished with last assignmen

TEXAS, OKLAHOMA, ARKANSAS, LOUISIANA, MISSISSIPPI

Remember to send material for this area to Ken Pehl at 108 East Centre St., Fredericksburg, TX., 78624. Keep it up folks, you're making Ken's articles more factual each month!

Welcome to another edition of this column. The summer is about to draw to a close as I write this. I hope this summer has been good to you and that it was not the heat wave it was last year for you. Enough chit-chat for now, as there is lots of news to get to you.

This month's column will hopefully be appearing in the Nov. issue. And November means looking forward to winter-type monitoring for us radio nuts. For most of us that means listening to state highway maintenance frequencies. I would like to ask the readers from the states within this column reporting area to take a moment to write me a short note to report their state's highway maint. frequencies along with a short narrative describing the system's normal operating details. Please do it right away so that I can compile this into one column as soon as possible in order to be helpful for this winter's monitoring.

Thanks to the generous contribution of two members (Larry Van Horn, ex TN-14, and Rich, TX-43) we now have a map of San Antonio and of Austin depicting their respective Police Dept's districts. Due to column limitations and possible difficulty in reproduction of the maps in this column, I have made a decision to offer copies of these maps to interested individual members on an SASE basis rather than attempt inclusion of the maps here. I will have to request that in addition to an SASE one extra, loose stamp (18¢) be included for the Austin map and two extra, loose stamps be included for the San Antonio map (2 sheets), to cover my cost of copying. To avoid any confusion, please include a note specifying your choice.

In last month's column, I must admit to having omitted something important. I had a wonderful conversation with Terry Colgan, TX-95, a relatively new member. He gave me some important information concerning the Austin, TX FD communication system. Unfortunately I misplaced my notes and did not recover them until this month. My apologies for any inconvenience this may have caused as a result of this delay. By the time you read this, it will have surely been implemented.
From Terry, TX-95: The Austin FD is about to change frequencies for their fire dispatching. All AFD trucks have the crystals already installed. Once the radio technicians have the repeater (which is part of the change) operational, orders are to be issued to switch all sets to this new channel and from that point on 154.130 (the present AFD dispatch frequency) will no longer be used. The new frequency will be 153.950 repeater out, 154.235 repeater in, callsign WQC 462. Terry obtained this in speaking to a high AFD official. Thanks Terry for that info. Again my apologies for having delayed relaying for one month.

From Robert Barker, TX-76: Robert sends us a short note explaining a bit more about the Houston FD-ambulance UHF MED telemetry system. Bob explains that the UHF MED telemetry channels are refered to by a letter A thru D when being assigned to an ambulance for a run. Robert also tells us that the Harris County Sheriff Dept uses a microwave voter receiver system on their communication system just like the city of Houston. Very nice info, Bob, and from now on don't be shy about writing in! This is exactly the way to do it!

From Ed Lentz, TX-45: Ed has an addition to the above note. Ed tells us that HFD-ambulance telemetry now utilizes six of the UHF MED channels. Presumably the additional two channels will be refered to as "E", Edward and "F" Foxtrot.

From another Robert, Robert Hart, TX-85: In the Lubbock, TX area this Robert reports on some state of TX licenses:

39.580 WCB 212 B/M Texas Railroad Commission (used simplex)
39.980 KDC 313 B/M " " " (" ")

(ed. note: these frequencies are licensed as a control and mobile relay according to POLICE CALL but Robert reports that they are used as separate simplex ch.)

154.055 KGY 303 B/M Texas Tech Univ.--Building Maint.
154.995 KGY 303 B/M Texas Tech Univ.--Grounds Maint.

(ed. note: these are also used simplex as two separate freqs., though POLICE CALL shows them licensed as control and mobile relay also.)

From Lee Henderson, TX-59: Lee writes a short note to say that all Harris County SD dispatchers, the Hermann Hosp. Lifeflight operations, and HPD helicopters refer frequently to the Key Map Directory on the air for locating or refering to a street location or subdivision location. That is what those strange numbers mean.

From Enos Gary, TX-28): Enos sent us several newspaper clippings from which we gathered some interesting tidbits of information. The Helicopter Section of the San Antonio Police Dept's Traffic Division has three helicopters, employing 7 pilots. The three choppers are (2) Hughes 300-C two-seaters and (1) unspecified 4-seater helicopter. By comparison, the city of Houston has 28 helicopters and a staff of 70 people in their aircraft section. (thanks to Enos and the Express-News' "SA Style" magazine, July 19, 1981).

From the RCMA Dallas/Ft Worth Metroplex Chapter 'Study Group': In what will hopefully be a long series of reports from the "study group", the long anticipated series of computer printouts are coming in. This month covers the suburb city of Irving, TX :

IRVING POLICE AND FIRE FREQUENCYS

POLICE

CH 1	482.7625	POLICE PRIMARY
CH 2	482.7375	INFORMATION & WANTED INQUIRES
CH 3	482.7125	CAR-TO-CAR & DETECTIVES
CH 4	482.6875	CAR-TO-CAR
CH 5	482.7625	SIMPLEX - TACTICAL USAGE
CH 6	482.7375	SIMPLEX - TACTICAL USAGE
CH 7	482.7125	SIMPLEX - TACTICAL USAGE
CH 8	482.6875	SIMPLEX - TACTICAL USAGE

FIRE

CH 1	482.5125	DISPATCH
CH 2	482.5375	FIRE APPARATUS
CH 3	482.9375	INSPECTORS

(UNIT DESIGNATORS-FIRE DEPT)
500 - CHIEF
501 - AST CHIEF
502 - BATALLION CHIEF
510 - TRAINING CHIEF
523,525,526,523X - AMBULANCES

CITY OF IRVING
IRVING CITY SECURITY - 155.775
IRVING CITY MAINTENANCE - 158.820

LAS COLINAS SECURITY
CH 1 464.6750

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REGIONAL AIRPORT
    POLICE (F1)      460.350       DISPATCH
    POLICE (F2)      460.450       WANTED CHECKS & CAR TO CAR
    FIRE (F1)        453.050       FIRE,RESCUE,CRASH TRUCKS EMS SERVICES
    AIRPORT          453.800       MAIN AIRPORT OPERATIONS FREQ
    AIRPORT          453.225       OPERATIONS & MAINTENANCE
    AIRPORT          453.500       TRANSPORTATION;AIRTRANS
    (UNIT NUMBERS-PARTIAL LIST
    20 = FIRE CHIEF
    65 = AMBULANCE
    66 = AMBULANCE
    70-75 POLICE UNITS     74 & 75 ARE POLICE PARAMEDICS
    (NOTE: ALERT 1 IS A AIRPLANE CRASH,ALERT 2 IS A AIRPLANE IN TROUBLE
  AIRLINE COMPANY FREQUENCIES AT DFW
  AMERICAN     460.775
  BIO          460.425
  BRANIFF      460.700
  DELTA        460.825
  FRONTIER     460.550
  S.WEST       460.575
  LUFTHANSA    460.750    (ALSO FLYING TIGERS
  TEX INTER    460.800
  EASTERN      460.850
```

The group also sends us a copy of the Dallas County Sheriff Dept dispatch codes:

19 CRIMINAL HOMICIDE
- 02 Murder
- 03 Capital
- .04 Voluntary Manslaughter
- 05 Involuntary Manslaughter
- .07 Negligent Homicide

20 KIDNAPPING AND FALSE IMPRISONMENT
- 02 False Imprisonment
- 03 Kidnapping

21 - SEXUAL OFFENSES
- .02 Rape
- 04 Abuse
- 06 Homosexual conduct
- .07 Public Lewdness
- .08 Indecent Exposure
- 09 Rape Child
- .10 Abuse Child
- .11 Indecency with a Child

22 – ASSAULTIVE OFFENSES
- 01 Assault
- .02 Aggravated
- .03 Deadly on P.O
- .04 Injury to Child
- .05 Reckless Conduct
- .07 Terroristic Threat-Bomb Threat
- 08 Aiding Suicide

23 –

24 –

25 - OFFENSE AGAINST FAMILY
- 02 Incest
- 03 Interference with Child Custody
- 04 Enticing Child

26 –

27 –

28 OFFENSE AGAINST PROPERTY
- 02 Arson
- 03 Criminal Mischief
- 04 Reckless Damage or Destruction

29 ROBBERY
- 02 Robbery
- 03 Aggravated Robbery

30 BURGLARY & CRIMINAL TRESPASS
- 02 Burglary
- 02a Attempt Burglary
- 03 BECM
- 04 BEMV
- 05 Criminal Trespass
- 05a Prowler

31 - THEFT
- 03 Theft
- 04 Of Service
- 05 Trade Secrets
- 06 By Check
- 07 Unauthorized Use Vehicle

32 - FRAUD
- 21 Forgery
- 31 Credit Card Abuse
- 41 Bad Check

33 –

34 –

35 –

36 –

37 –

38 – OBSTRUCTING GOVERNMENTAL OPERATION
- .02 Failure to Identify as Witness
- .03 Resist Arrest or Search
- 04 Evading Arrest
- 05 Hindering Arrest

39

40

41

42 DISORDERLY CONDUCT
- 01 Disorderly Conduct
- 01a Light in Progress (if with gun, so state)
- 02 Riot
- 04 Obstruct Hwy or other Passageway
- 05 Disrupting Meeting or Procession
- 06 False Alarm or Report
- 07 Harassment
- 08 Public Intoxication
- 09 Desecration of Venerated Object
- 10 Abuse of Corpse
- 11 Cruelty to Animals
- 12 Shooting on Public Road

43 INDECENCY
- .02 Prostitution
- .03 Promotion Prostitution
- .05 Compelling Prostitution
- .22 Obscene Display or Distribution
- .23 Commercial Obscenity
- .24 Sale, Distribution, Display to Minor

44 –

45 –

46 – WEAPONS
- 02 Unlawful Carrying
- .04 Where Prohibited
- .05 Possession by Felon
- .06 Prohibited Weapons

47 – GAMBLING
- 02 Gambling
- .03 Promotion
- 04 Keeping Place
- .05 Communicating Information
- 06 Possession Device or Equipment
- .07 Possession Paraphernalia

48 –

49 –

50 – ACCIDENT
- 01 Minor
- 02 Personal Injury
- .03 Fatal
- 04 H/R, FSRA, FLID

51 – FIRE
- 01 Commercial, School, Church
- 02 House
- 03 Outbuilding
- 04 Vehicle
- 05 Grass, Trash, other

52 – ANIMAL COMPLAINT
- 01 Bite
- 02 Loose
- 03 Injured

53 - EMERGENCY - MAJOR
- 01 Air Crash
- 02 Train Wreck
- 03 Drowning
- 04 Tornado
- 05 Flood (Specify if evacuation)

54 – NON CRIMINAL
- 01 Sick Call
- 02 Injured Person
- 03 OB
- 04 Other
- 05 Open Door-Window
- .06 Suspicious person-vehicle
- 07 Trash dumping pollution
- 08 Found Property
- 09 Abandoned Vehicle
- 10 Accidental shooting
- 11 Suicide

55 – SPECIAL ASSIGNMENT
- 01 Traffic
- .02 Prisoner
- 02a Prisoner Transfer
- 03 Deliver Message
- 04 Public Event
- 05 Baligame
- .06 Fair
- 07 Parade
- 08 Other (Specify)
- 09 Routine Check (House, Bldg., etc.)

56 – ESCORT
- .01 Emergency
- 02 House
- 03 Funeral
- 04 Money
- 05 Other

10-33 ASSIST OFFICER

57 – MEET COMPLAINANT

58 – MISSING PERSON – Runaway

59 –

60 – DWI

For the State of Arkansas, from David Montgomery, AR-15:

CENTRAL ARKANSAS AREA FREQUENCIES

155.610	Little Rock PD ch #1	159.210	Pulaski County Sheriff Dept.
156.210	" " " ch #2	155.010	" " " "
158.760	" " " ch #4	37.360	Saline County SD
154.190	" " Fire Dept	37.240	Ark. Inter-dept ch for police/sheriff
154.385	" " " "	155.235	EMS
155.130	Jacksonville PD	155.340	EMS
154.815	Sherwood PD	44.62	Ark. State Police
159.150	North Little Rock PD	44.64	" " "
153.850	" " " "		
155.580	Benton PD		

The following is a ten code series that seems to be used by almost all of the police departments in the Central Arkansas area.

10-1 Receiving Poorly
10-2 Receiving Well
10-3 Stop Transmitting
10-4 OK or Yes
10-5 Relay Message
10-6 Busy
10-7 Out of Service or Eating
10-8 In Service
10-9 Repeat
10-10 Out of Service , Subject to call
10-12 Officials/ Visitors present
10-13 Advise Road / Weather Conditions
10-15 Prisoner in Custody
10-17 Pick up papers at
10-19 Return to Station
10-20 What is your Location?
10-21 Call _ by Telephone
10-22 Disregard Last Assign.
10-23 Standby
10-28 Check Full Registration on Vehicle
10-29 Check for Stolen Vehicle
10-33 EMERGENCY TRAFFIC
10-36 Correct Time
10-42 Officer_ at home
10-49 Meet me at ___
10-50 Request record check
10-51 Request NCIC check
10-52 Negative Hit
10-53 Positive Hit
10-60 Need report Number
10-63 Radio Net Directed
10-64 Radio Net Cleared
10-86 Go to other Channel
10-88 Give telephone # for call
10-96 Unit en route
10-97 Arrived at Scene
10-98 Completed last Assign

For the State of Alabama, Birmingham Area, from Scott Carr, AL-15 and David Beck, AL-1: Scott sends in some more additions and updates to his report in the August, 1981 issue. Those entries marked with an * Scott wishes to acknowledge were obtained from David Beck, AL-1.

CITY OF BIRMINGHAM and suburban areas:

municipal PD's:

Birmingham PD 460.175 R (?KSQ 471?)--East area dispatch
460.300 R (?KSQ 471?)---Central area dispatch
(ed. note: my POLICE CALL shows 460.475--West area dispatch)

*	Bessemer 155.130		Mountain Brook 155.940
	Homewood 460.125		Leeds 155.250
	Irondale 460.225		

County Sheriff Depts:

Walker Co. SD 154.77 (ed. note: ?Rptr or B/M? POLICE CALL shows 155.73??)

FIRE DEPT:

	Birmingham 154.190		Mountain Brook 154.370 (? Rptr ?)
*	Bessemer 154.250		Leeds 46.080
*	Homewood 45.640		Jefferson Co. Rescue 37.900
	Irondale 45.600		

EMS & MISC.:

462.975 H.E.A.R.S. (in addition to 155.340 reported in previous issue)
Jefferson Co. Health Dept. 155.205
Birmingham Health Dept. 155.280
Red Cross 47.42

Scott also reports that the Carraway Hospital Life Flight can also operate on the Alabama law enforcement mutual aid channel of 155.01 (see details below).

ALABAMA STATE POLICE:

155.010--statewide law enforcement mutual aid

Scott clarifies this channel useage a bit by explaining that this channel is used by police depts and Sheriff Depts in a simplex mode among each other. However, when communicating with the Alabama State Police bases or mobiles it is a two frequency simplex situation ("cross-talk") with the state listening on 155.01 and answering back on 155.475.

OTHER BIRMINGHAM MISC FREQUENCY

University of Alabama at Birmingham---154.800--campas police dept.

Before closing this month's column, I would like to add an observation on the Texas Dept of Parks & Wildlife repeater network. For those of you in the metropolitan areas this might be old news. The P&W Dept seems to be converting from the old pulsed high pitched tone dial on of repeaters to a "Touch Tone" type of dial up plan. On some repeaters it appears that there are dual decoders to decode both types of input. Apparently an interim installation, pending a complete phase in of the newer Touch Tone pads in all vehicles. Also to be noted are many more hand held units for the field!

A late, late insertion: Paging any member in the Bryan, TX area. A Houston area member, who regularly travels between Houston and Dallas areas, notes he receives nothing on DPS frequencies in the Bryan area. Member needs to know if any different frequencies are used in the area or if Bryan station is inactive. This editor's notes does not indicate either but things could have changed. Any help would be appreciated.

That's it for this month as we are way over the limit already! See you next month with more but of state' material, hopefully.

ILLINOIS, INDIANA, WISCONSIN, MICHIGAN

Greetings and welcome aboard to another Public Service-IL/IN/WI/MI column. I'll spend very little time on chit-chat, etc., as there's loads of material to cover in this month's column.

CHICAGO AREA RCMA CHAPTER MEETING OF AUG. 8th. The meeting was called to order at approx. 1:35p.m. with 22 members and 5 guests from IL/WI/and KS were present. The following agenda items were discussed:

1. Round table introduction of members.
2. Discussion about a picnic-field day to be held next year in Aug or Sept.
3. The 1982 meeting scheduled will be discussed at the next meeting on Sept. 27th.
4. John Arendt summarized his upcoming Newsletter columns and spoke about other club business.
5. Upcoming tour possibilities were outlined.
6. Ed Sirovy gave a slide presentation of some of previous tours plus other items of interest.
7. Round table discussion among everyone in attendance.

The regular meeting was adjourned around 3:50 p.m. and was followed by informal sessions by those in attendance.

OTHER MIDWESTERN RCMA CHAPTER NEWS

1. Ohio Valley Chapter. Dave Nugent (IN-002) advised that an organizational meeting had tentatively been scheduled for Aug. 30th. More news on this development in next month's Newsletter.
2. Detroit Area Chapter. Larry Smith's (MI-001) efforts to organize a chapter have gone for nought due to lack of member interest. No further efforts are being planned. (Editor's comment: You folks are really missing the boat!!)

I'm presenting the third installment of my "presentation" on the IL Dept. of Law Enforcement-as given at the RCMA Spring Festival back in June. This installment deals with base and mobile radios.

First, let's delve into a typical Division of State Police "ISP" base station setup. The freqs. that will apply pertain to Dist. 5 - Joliet:

A. Low band Base Freqs.	TX	RX	USE
LF1 Freq. Group Low	42.60	42.70	Dist. Base/Mobile
LF2 Statewide Car-Car	42.50	42.50	Statewide Car-Car
LF3 Mobile Freq. Goup	?	?	Dist. Command Monitor
LF4 Base Freq. Group	42.60	42.60	Base to Scales
LF5 39.50MHZ Intersystem	42.50	39.50	(not used in Dist. 5)
LF6 39.46MHZ Intersystme	39.46	39.46	Low Band Point

NOTES: LF5 will be found in some rural areas, especially where all cars are not e/w NLEEF. To my knowledge, LF3 is not used anywhere at present.

B. High Band Base Freqs.	TX	RX	USE
HF1 Nat. Emerg. Freq.	155.475	155.475	NLEEF-ISPERN
HF2 Dist. Utility Freq.	154.920	154.920	(Varies by Dist.)
HF3			(not used)
HF4 Statewide Freq.	155.460	155.460	("Channel 7")
HF5 155.370MHZ Intersystem	155.370	155.370	High Band Point
HF6 "MERCI" Freq.	155.460	155.340	Emerg. Medical Service

NOTES: Most ISP Dists. have an additional HF position for the 154.905 DCI base/mobile freq. Some dists. even have a separate console just for DCI purposes. The receiver for 155.340 (HF6-Merci) is tone-activated. There's been rumors of a statewide HF3 for base/mobile purposes, but nothing's really happened as of this writing. (Some mobile units in Dists. 2 & 8 have the 155.055 "IREACH" freq. installed in the HF3 position. As previously reported in this column, the "IREACH" freq. will also be placed into Dist. 6 mobiles).

Now, let's move over to a typical I.S.P. mobile radio setup-using Dist. 5 as an example:

A. Two channel low-band 42MHZ radios

(Dist. Dispatch)	LF1	42.70TX/42.60RX
(Statewide)	LF2	42.50TX/42.50RX (Car-Car)

B. Four channel high-band 154.155MHZ radios

(NLEEF)	HF1	155.475TX & RX (ISPERN)
(Dist. Utility)	HF2	154.920 TX & RX (not statewide)
	HF3	
(Statewide)	HF4	155.460TX & RX ("Channel 7")

NOTES: I.S.P. Dist. 15 - Tollroad units pretty well have the low-band units removed now. Only a few are left. (LF1 being 42.66 and used for car-car only). Dist. 15 is now using high band radios with HF1, HF2 (155.925 used for car-car only), and HF4 present. The base station comments about "HF3" apply to the mobile units also. (Dist. 11-Maryville, presently has 154.650-mobiles only- in the HF3 slot of the radio but this is definitely going to change). Many low-band radios in rural areas are e/w a 39.50 "receive option" (works with 42.50) for communication with local and county law enforcement agencies and units. As of this writing, I.S.P. is purchasing 4 channel low-band radios e/w 2 additional receive freqs. (can be used for communication with state, county & local agencies operating outside the 42MHZ band). Mobile extenders-working thru the low band radio-are present in Dist. 3 (and 4) and utilize a freq. of 155.505.

Since I gave this presentation in June, changes have occurred-especially in the next part of the presentation that follows. Let's move on to the Dept. of Criminal Investigation ("DCI" or "DOI"). An important point to emphasize is the presence of FCC Rule 605 about secrecy of radio transmission. Some of this traffic-especially surveillances-is on the touchy side (until that "DVP" takes over).

Most of the dispatch and base station functions are handled at the ISP posts, so a typical base station console can't be defined. Some ISP dists. are not e/w the 154.905 base/mobile dispatch freqs., so 155.460 (HF4 or "Channel 7") is used instead. Some DCI locations are only e/w the 154.905 freqs.

Best to move on to a short discussion of DCI mobile units. Basically, a four-channel high-band 154-155 MHZ radio was used.

NLEEF-ISPERN	HF1	155.475 TX & RX
Statewide Disp.	HF2	154.905 TX & RX
Surveillance	HF3	154.950 TX & RX mobiles only
Statewide	HF4	155.460 TX & RX (C"channel 7")

An additional mobile only surveillance freq. of 156.000 is reportedly available in the Chicago & Springfield areas.

Some units are also e/w the two-channel low-band 42MHZ radio (using Dist. 5-Joliet as a "model"):

Dist. Dispatch	LF1	42.70TX	42.60RX
Statewide	LF2	42.50TX	42.50RX Car-Car

General note: This author has observed some Joliet (Dist. 5) I-units on both 42.60 base and mobile unstead of the regularly used 42.60 base-42.70 mobile freq. pair.

Unfortunately, reports are coming in from various parts of the state about the increased use of DVP for the DCI surveillance operations. Multi-channel mobiles and portables are being purchased and placed into service.

- - - - -

These are some special exceptions that apply to the IDLE radio system and I'll attempt to explain them as follows:

1. Command personnel are believed to have multi-channel low-band radios covering all freq. "combinations" currently in use. An unlisted mobile freq. of 42.580 has been reported by Tom (IL-030) as being installed in command units plus radio eqpt. vans, but this has not been verified to date.
2. This author has observed aircraft ("L-Lincoln") units on multiple high-band freqs. (inc. 154.950) in addition to the multiple low-band freq. combinations described in the "command exception". It is believed that synthesized high-band radios are in use.
3. "V-Victor" units (vehicle investigation) for the various dists. have 154.950 installed in the HF3 position of the high-band radios for liasion with DCI units while on joint surveillances. It is possible that certain Secretary of State "J-John" units may also have this option.

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A useful aid for law enforcement purposes is the supplementary coverage offered by aircraft. Basically, seven I.S.P. aircraft units are scattered throughout the state and I'll list them as follows:

L1 is based out of the Bloomington area and covers "line patrol" of I-55 up to the Joliet area and also I-74 over to the Peoria area.
L2 is based out of the Moline area and covers "line patrol" of I-80 over to the Joliet area and also I-74 down to the Peoria area.
L3 is based out of the Champaign area and covers I.S.P. Dists. 6, 6A, and 10.
L4 is based out of the Mt. Vernon area and covers I.S.P. Dists. 11, 12., 13, 13A, 18 and 19.
L5 is based out of the Centrailia area and covers "line patrol" in the vicinity of I-64, I-57 and possibly I-24.
L6 is based out of the Springfield area and covers I.S.P. Dists. 8, 9, 14 and 14A.
L7 is based out of the Sugar Grove or Morris areas and covers I.S.P. Dists. 1, 2, 5, 7, 15, 16 and 17.

The aircraft are under the jurisdiction of the I.S.P. Command Center at Springfield. Although the primary use is for "line patrol" and speed enforcement, it's not uncommon to find them used for other purposes (photography, surveillance, work with the DCI, etc.)

Additional aircraft are available for other state uses (conservation, public health, executive transportation, etc.) and are so equipped radio-wise.

The final part of this presentation deals with other state agencies that can be found on IDLE freqs. Using Dist. 5-Joliet as a model for the low-band radio setup, I'll touch on them and attempt to explain radio usage:

1. Dept. of Conservation Police (fish and game wardens, law enforcement in the state parks, etc).

   A. Multi-channel low-band radios

		TX	RX
(I.S.P. District Dispatch)	LF1	42.70	42.60
(Statewide Car-Car)	LF2	42.50	42.50
	LF3		
(Conservation Car-Car)	LF4	42.76	42.76

   Most low-band radios in rural areas are e/w a 39.50 "receive option" (unsed with 42.50) for communication with local & county law enforcement agencies. These radios are also e/w a 31.86 "receive option" (used with 42.76) for communication with Dept. of Conservation base stations.

   B. "Optional four-channel high band radios. NLEEF-155.475 (ISPERN) will always be present in the "HF1 slot". Some units have local VHF high band law enforcement freqs. in the "HF2 slot". (Not all units are e/w this option, though).
   All low-band communication dispatch thru ISP applies to the functional area where the conservation officer serves (Example: units operating in Kendall County will probably be e/w Dist. 5 freqs.)

2. Secretary of State's Investigators (preimarily deal with driver and vehichle licensing, vehicle titales, safety and financial responsibility laws, and misc. other assignments. Little or no traffic law enforcement activity).

   A. Multi-channel low-band radios

		TX	RX
(I.S.P. District Dispatch	LF1	42.70	42.60
(Statewide Car-Car)	LF2	42.50	42.50
	LF3		
(S.O.S. Car-Car)	LF4	42.76	42.76

   Most low-band radios in rural areas are e/w a 39.50 "receive option" (Used with 42.50) fro communication with local & county law enforcement agencies. These radios are also e/w a 39.80 "receive option" (used with 42.76) for communication with Sec. of State base stations.

   B. Four channel high-band radios

		TX	RX
NLEEF (ISPERN)	HF1	155.475	155.475
	HF2		
	HF3		
(Statewide)("Channel 7")	HF4	155.460	155.460

   C. The state is divided into areas.
   J1 = Chicago metro area (units are dispatched by a S.O.S. base station only-no ISP dist. freqs. present)
   J2 = Balance of northern IL (headquarters at Rockford)
   J3 = Central IL (headquarters at Springfield)
   J4 = Southern IL (headquarters at Alton & Mt. Vernon)
   A fifth designator "J5" is assigned to the "Auto Investigation Unit" and personnel are scattered statewide (except Cook County).
   A sixth designator "J6" is assigned to the "Auto Investigation Unit" for the Cook County area.

3. Metropolitan Enforcement Groups "MEG" fill the law enforcement gap between local and state agencies. They specialize primarily in narcotics and other major criminal activity investigations. Active MEG units known to exist include: MG-Chicago, ML-Lake County, MR-Rock Island, MP-Peoria, MJ-Joliet, SWEG-Wood River, MC-Carbondale, and smaller unit in the Danville area.

   A. Four-channel high-band radios

		TX	RX
(DCI liaison)	HF1	154.905	154.905
(Surveillance)	HF2	154.710	154.710
(Local law enforcement agency)	HF3		
(Statewide)	HF4	155.460	155.460

   B. The SIEG at Carbondale has an active base transmitter on the 154.710 mobile surveillance freq. Speech inversion scrambling has been reported on 154.710 and on 155.460 by SIEG mobiles.

   C. A base station at Wood River has been licensed on 155.430.

4. Executive Security agents (E-Edward units)
   A. Four channel high band radios

		TX	RX
NLEEF (ISPERN)	HF1	155.475	155.475
	HF2		
Regular operations	HF3	154.710	154.710
(Statewide "Channel 7")	HF4	155.460	155.460

   B. Low-power base transmitters are believed to be in operation at the Chicago and Springfield Governor's Mansions. No call signs ever given out.
   C. The frequency believed to fill the HF2 slot is 154.935 (high band freq. for ISP Dists. 3 and 9-where state offices and governor's mansions are located).
   D. Although operations are primarily conducted on VHF high-band, some units are believed to have low-band radios present with the 42.50 freq. installed for statewide use.

Sam (IL-048) sent in several contributions which I'll combine under one big heading: CENTRAL IL NEWS

1. Nearly all Piatt County F.D.'s are using the 154.400 freq.
2. Macon County's main civil defense (ESDA) freq. is 155.025. The 154.98 freq. is also used for paging ESDA personnel.
3. The Champaign County SD's new UHF network is in full operation. Three rptr. sites are utilized-one at Rantoul, one at ISP Dist. 10-Pesotum, and one central site at METCAD. Freqs. in use unclude: 453.15-main dispatch, 453.30-Rantoul PD, 453.625-civil processing (also car-car) and 353.725-unknown. County cars are e/w mobile extenders for portable radios. The Rantoul and Pesotum rptr. sites beam their signals to the centrol site at METCAD via 900MHZ microwave links (does not apply to 453.30).
4. By the time this article goes to print, the Champaign & Urbana PD's will have changed over to a new UHF system. The central site at METCAD (Metropolitan Champaign Area Dispatch) will also be utilized. Freq. in use: 453.25-unknown, 453.40-Champaign PD, 453.975-Urbana PD, 453.90 University of IL.

Michael (IA-011) has sent in information about the Knox County, Il S.D. and the Galesburg, IL P.D. and F.D.

1. KNOX COUNTY, IL S.D. FREQS.
   155.535 rptr. out (158.910 in) Dispatch F1
   155.535 simplex-mobiles Car-Car F2
   155.490 simplex Galesburg CO-OP F3
   The low-band freqs. (39150 Base/Mobile, 39.66 Mobile, and 39.46 Intersystem Base) are still in use, as is the 39.50-42.50 county-state "freq. pair".
2. KNOX COUNTY & GALESBURG "SIGNALS"
   1. Meet_____
   2. Call_____
   4. Traffic Accident at _____, ___(Type)_____
   12. Vehicle Stop
   17. Stolen Vehicle Information
   24. Disturbing the Peace
   30. Take Theft Report at _____
   36. Completed Assignment
3. GALESBURG, IL P.D. FREQS.

460.100 prtr. out	Dispatch F1
465.450 simplex-mobiles	Car-Car F2
460.450 simplex-mobiles	Detectives
155.490 simplex	County CO-OP

4. GALESBURG, IL F.D.

154.370 simplex	Operations F1
154.265 simplex	IFERN F2

Police unit numbers are 2 digits with the first number being the shift (examples: 10, 22, 35). Certain county S.D. cars have Galesburg P.D. UHF radios installed.

Jeff (KY-023) sent in a list of freqs. and unit designators that were used during the Madison, IN Regatta (a major boat race held on the Ohio River). All of the Indiana State Police and statewide law enforcement freqs. have previously been covered in this column. The local freqs. used in the Madison, IN area include:
460.350 rptr. - Madison PD
153.755 mobiles - Madison Regatta race committee, security, etc.
154.040 simplex - Madison LG (streets, etc)
154.250 simplex - Madison and Jefferson County FD's
155.160 simplex - Lifeline Search & Rescue
154.540 mobiles - Lifeline Search & Rescue
154.540 simplex - Athens Ambulance Service
Unit designators in use include:
Tower - the reviewing stand.
100 series - Madison P.D. (also 301-detective).
39 series - Jefferson County S.D.
700 series - Athens Ambulance (each individual is assigned a "unit" #, e.g. "Unit 1")
28 series - Lifeline Seach & Rescue
45 series - Indiana State Police units
41 series - Madison Twp. F.D. units (on 154.250)
"Unit 61" - Recue Truck of Clifty 6 Fire Co. (city's)

Ernst (WI-024) joins the ranks of WI contributors with a lengthy entry that I'll entitle MILWAUKEE, WI SUBURBAN AREA

1. Wauwatosa P.D.
   158.790 simplex - dispatch
   158.910 simplex (mobiles only) - occasional use
   Squads 1-8 (patrol cars); 9-13 (corps/sgts/lts); 15-17 (parking control); 20's (traffic); 30's-40's (detectives); 50's (youth officers); 78 (wagon); 90 (chief); 91-92 (captains).
2. Wauwatosa FD
   154.070 simplex - operations
   Station 1 (Underwood Ave) - Engine 1, Truck 1, Squad 1, Asst. Chief
   Station 2 (Mayfiar Rd) - Engine 2, Truck 2, Squad 2
   Station 3 (Watertown Plank Rd) - Engine 3&4, Truck 3, Squad 3, Tanker 1
   Base (dispatch) is at Station 1, with Stations 2&3 paged by radio. Engine 4 is the second engine due in any fire call. Squad 3 is a paramedic unit. Squad 1 & 2 are rescue squads. Unit numbers are as follows: 550-Chief, 551-Dispatcher, 552-Asst. Chief on duty, 554-Chief fire Inspector, 556-Pickup Truck, 559-Fire Inspector, 560's -Engines, 569-Tanker, 570's Ladder Trucks, 580-Squads, 553,555,557 and 558 are unknown.
3. South Shore Suburbs Fire - 154.220 simplex - includes Greedale, Greenfield, Franklin, Hales Corner, Oak Creek, Cudahy, S. Milwaukee, & St. Francis
4. North Shore suburbs Fire - 154.340 simples - includes Fox Point, Bayside, Shorewood, Brown Deer, Glendale, River Hills, and Whitefish Bay
5. Waukesha City Fire - 154.175 simplex
6. Waukesha County Fire - 154.430 simplex includes just about every fire dept. in the county (Brookfield, Elm Grove, Muskego, Menominee Falls, Pewaukee, Delafield, Dousman, Oconomowoc, Wales, Okauchee, Lannon, Sussix, and others.
7. North Shore Suburbs Police - 155.010 rptr. out (155.970 in) - same as #5.
8. Waukesha County S.D. - 155.130 rptr out (154.890 in)
9. Elm Grove & New Berlin PD's - 155.310 simplex
10. West Allis P.D. - 155.610 simplex (Editor's note: other info on file indicates this to be a rptr. out, with input of 155.850).
11. Franklin, Greendale, Greenfield and Hales Corner PD's - 155.670 simplex
12. Brookfield PD - 155.730 simplex
13. West Allis FD - 453.725 rptr
14. South Shore Suburbs PD's - 453.950 rptr-includes Cudahy, S. Milwaukee, St. Francis, and Oak Creek.

The second part of Ernst's contribution is a detailed breakdown of freqs. in use in JEFFERSON COUNTY, WI.

1. Sheriffs Dept.: 154.860 simplex-also 154.860 rptr (158.910 in). Also used by all PD's in the county. Ft. Atkinson and Watertown dispatch their own units, with the S.D. dispatching the balance of municipal units.
   A. 500 units are assigned to the sheriff's dept. (units in use include 503 to 509, 512, 517, and 521 - the last unit being a boat).
   B. 600 units are assigned to minicipalities (600-609-Watertown; 630-639 Ft. Atkinson; 640-649-Jefferson City; 675-Waterloo, 680-Lake Mills; 685-Palmyra; 691-Ixonia; and 692-Johnson Creek)
   C. 700 units are assigned to ambulances (701-Ixonia; 703-Johnson Creek; 705-Kunz Jefferson City EMT Response Team; 706-Kunz Amb; 708-Kinz?; 709-Kunz Amb; 712-Lake Mills EMT).
2. Fire Depts. 46.120 simplex. Includes Jefferson City, Watertown, Palmyra, Waterloo, Ixonia, and Rome. (Unconfirmed reports also place Watertown on 154.235).
3. Local Govt: 45.280 simplex (also in use by Ft. Atkinson). The sheriff's dept. dispatches unit 703 (Johnson Creek EMT). The freq. is "manned" by the United Citizens Band Org. radio club during severe weather alerts, aid at rural fire, and community festivals at Ft. Atkinson and Jefferson City for traffic and crowd control. (Assistance to the PD's and SD).
4. Ft. Atkinson Local Govt - 39.90 simplex. Includes the F.D., dept. of public works, and other misc. units.
5. County Highway Dept. - 156.240 rptr (158.985 in)

Ernst, thank you for passing on a most comprehensive contribution(s).

This month's column (quite long) comes to an abrupt close. Don't forget that next month's column will concentrate primarily on state and county highway dept. freqs.

Happy Monitoring!

Happy Thanksgiving Folks! And as John says, we'll discuss the highway department frequencies next month with Winter just about upon us. See you then!

SATELLITES

EDITOR NEEDED!

We need a new Satellites column editor effective immediately. The editor of this column should be familiar with satellite systems and communications and should be an active satellite monitor. The editor also should have a knowledge of the history of older satellite systems and be familiar with upcoming new systems. This editor would be required to generate most of the copy for this column. If you are interested, please TYPE a letter telling about yourself and qualifications to RCMA Managing Editor, P.O. Box 1119, Flemington, NJ 08822.

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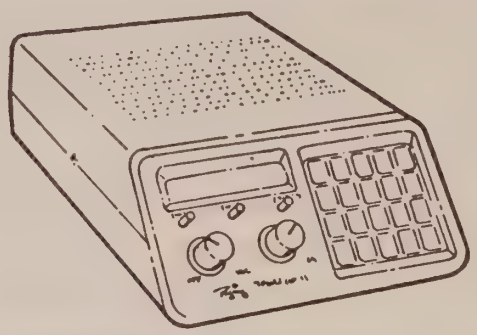

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If I have not lost track, this is for the issue that will be mailed in October and carry a cover date of November.

In September I reported on the killing of Aurora Colorado Police Officer Debra Corr and the wounding of Explorer Scout Glen Spies who came to her aid. There have been several developemnts in this story that I hope are of interest.

1. Glen Spies has made a complete recovery.
2. He was NOT monitoring the night he was shot, although it was his practice.
3. The man responsible for the shooting was apprehended and committed sucide in his jail cell several days later.
4. Officer Corr's husband was shot with his revolver on August 29 (not serious). He is a police officer for Denver. The man responsible for this shooting has been arrested.

One request: many of you who contribute to this column type your data. If you do type them, please, if possible, follow the guidelines on the inside front cover. That is, single spaced, not more than 7 inches wide. If you can't type or for some reason, can't follow the guidelines, don't let that stop you from sending the information in. I can and will retype it. If you do type it per the guidelines, it does save me some work. But even if it is in pencil on scratch paper, SEND IT IN. As long as I scream, there is a rush of material, but as soon as a month goes by that I don't scream, it drops off to a trickle.

ARIZONA Maricopa County (Mark Rhodes AZ-028)

Avondale	460.250		Westside Intersystem
Buckeye	453.850		
Chandler	154.875	Ch. 1	Primary - repeater (155.865 in)
	155.250	Ch. 2	Pinal County Police Net
	154.875	Ch. 3	Secondary - simplex
	154.430	Ch. 4	Chandler Fire Dept.
El Mirage	460.250		Westside Intersystem
Gilbert	460.450		
Glendale	156.210	Ch. 1	Primary - repeater (154.830 in)
	156.210	Ch. 2	Secondary - simplex
	155.670	Ch. 3	Information - simplex
Goodyear	460.250		Westside Intersystem
Maricopa County	460.050	Ch. 1	Westside
Sheriff's Office	460.100	Ch. 2	West Emergency Traffic
	460.150	Ch. 3	Eastside
	460.200	Ch. 4	Detectives
	460.175	Ch. 5	Central
	460.075	Ch. 6	Information
	460.125	Ch. 7	East Emergency Traffic
	159.090	Ch. 8	Searcg and rescue repeater (158.910 in)
Mesa	155.010	Ch. 1	Westside
	154.815	Ch. 2	Central
	155.130	Ch. 3	Eastside
Paradise Valley	460.350		
Peoria	453.650		
Phoenix	154.890	Ch. 1	Chase
	154.755	Ch. 2	Information
	155.790	Ch. 3	Detectives
	155.370	Ch. 4	400 District South
	155.070	Ch. 5	500 District Central
	155.640	Ch. 6	600 District North
	155.520	Ch. 7	700 District East
	155.430	Ch. 8	800 District West

Scottsdale	155.850	Ch. 1	Operations
	155.550	Ch. 2	Emergency traffic
Tempe	155.685	Ch. 1	Primary
	155.835	Ch. 2	Information
Tolleson	460.250		Westside Intersystem
Wickenburg	155.625		
Youngtown	453.275		

Maricopa County Fire & Emergency Communications Systems

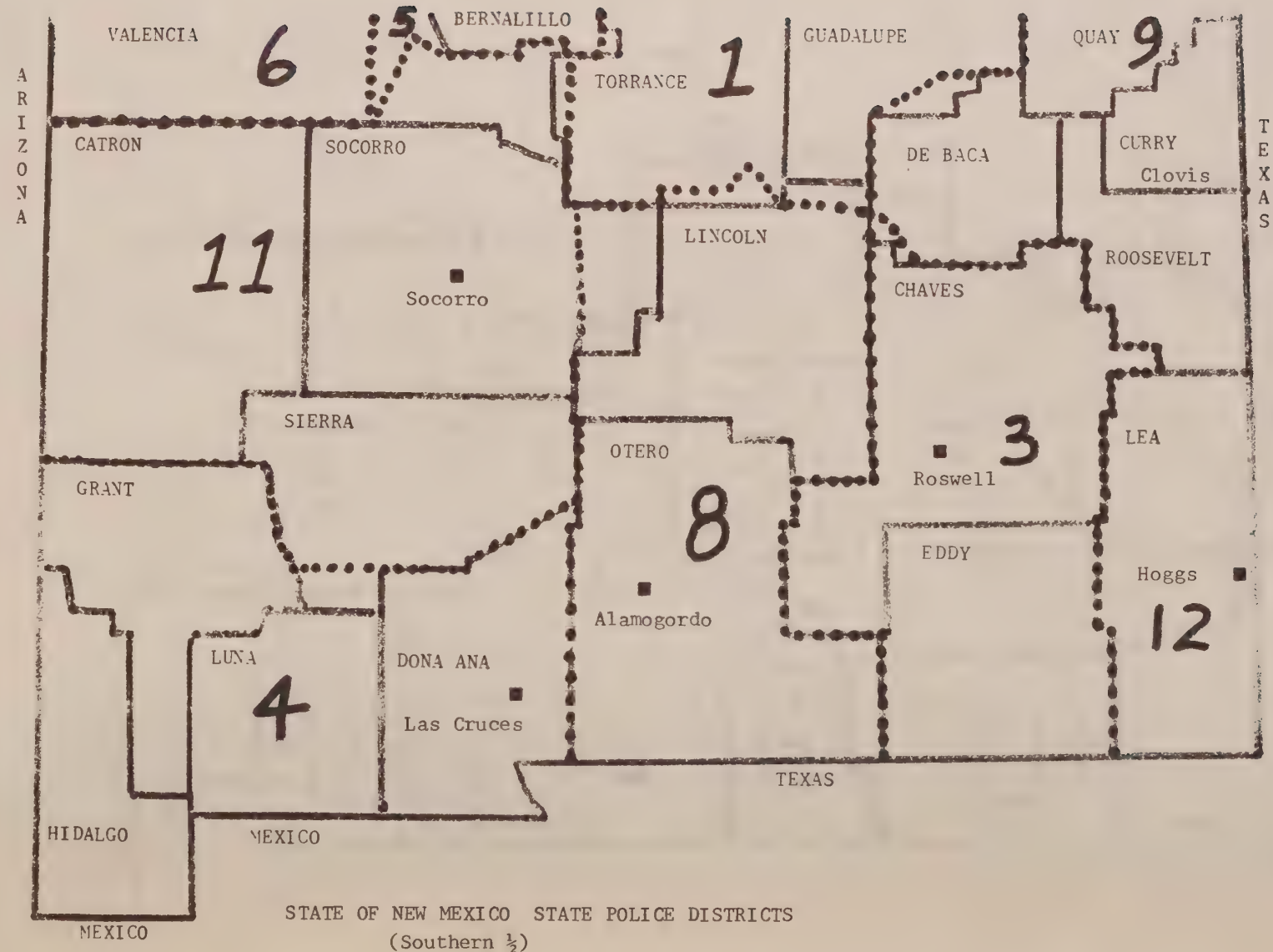
Avondale	154.220		
Buckeye	154.980		Rescue Unit Frequency
Chandler	154.430		
Gilbert	154.115		
Glendale	154.310		operations in City limits plus Phoenix Fire Dept. radio frequencies
Goodyear	154.430		
Mesa	154.340	Ch. 1	Main
	154.280	Ch. 2	Interagency
	460.600		
Phoenix	154.190	Ch. 1	Dispatch
	154.250	Ch. 2	Fire Fighting Operations
	154.070	Ch. 3	First Aid operations
	154.280	Ch. 4	VHF medid/interagency
	153.830	Ch. 5	VHF Fireground/car to car
	154.310	Ch. 6	Glendale Fire Dept.
	154.145	Ch. 7	Tempe Fire Dept.
Rural Metro Fire Dept. INC.	154.370	Ch. 1	Dispatch - operations
	153.890	Ch. 2	Repeater
	154.385	Ch. 3	Administrative
Sun City Rural Metro	460.425		
Tempe	154.145	Ch. 1	Main - repeater
	153.770	Ch. 2	command

NEW MEXICO STATE OF (Fred Richter NM-005)

Fred has sent in three maps of New Mexico 1) State Police Districts, 2) State Highway Districts, 3) State Forestry Districts. These maps are from official publications (I have copied them from the smaller size Fred sent to a two page size, but official non-the-less.) and should represent the latest "poop". The Forestry map may or may not appear as I will send it to the paste up crew with the instructions to print it if there is room or not print it if there is not room. The reason for the maybe/maybe not is that an almost identical map appeared in July. The difference? District 3 is now headquartered in Socorro instead of Magdalena. Fred assures me that the frequencies reported by himself and Craig Thompson (April 1981 p. 70, May 1981 p. 62,June 1981 pp. 64-65) are the current correct frequencies verified by off the air monitoring.

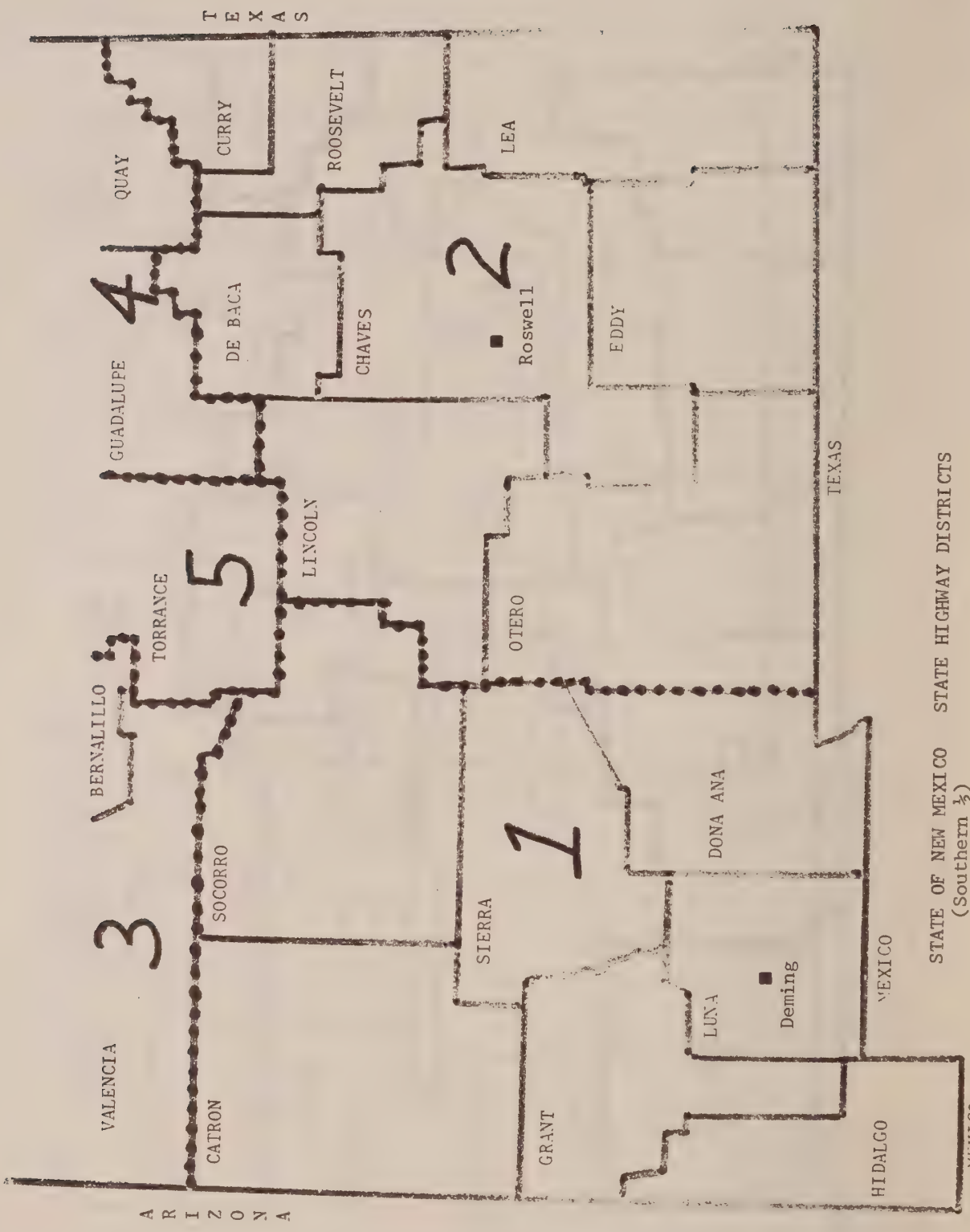
"That's all, folks" See you again next month, same time (I hope) same magazine, probably different page.

STATE OF NEW MEXICO STATE POLICE DISTRICTS
(Northern ½)



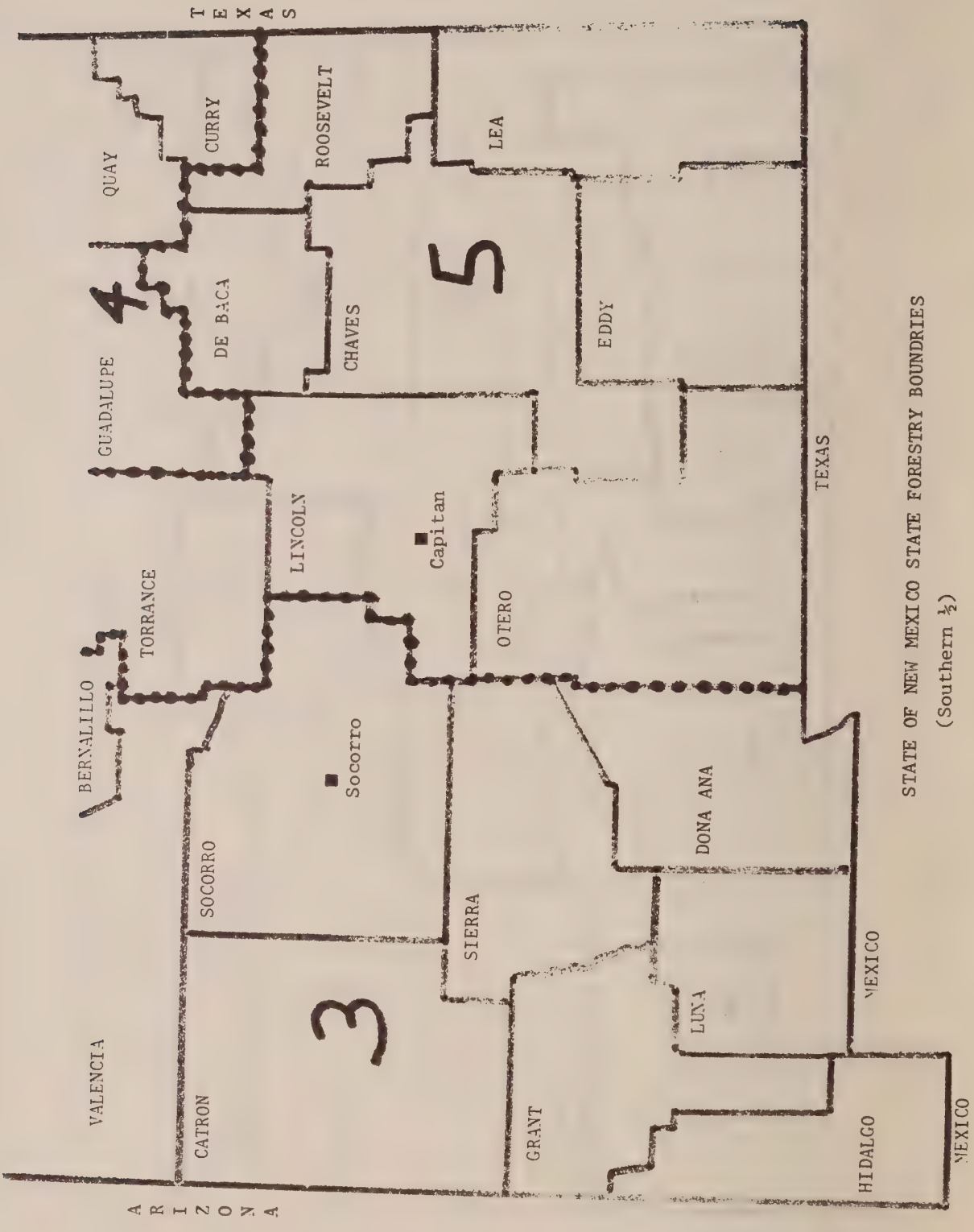
STATE OF NEW MEXICO STATE POLICE DISTRICTS
(Southern ½)

STATE OF NEW MEXICO STATE HIGHWAY DISTRICTS
(nothern ½)



STATE OF NEW MEXICO STATE HIGHWAY DISTRICTS
(Southern ½)

UTAH
ARIZONA
COLORADO
SAN JUAN
RIO ARRIBA
Chama
TAOS
COLFAX
Cimarron
UNION
OKLA
HARDING
MORA
SAN MIGUEL
Las Vegas
QUAY
TEXAS
CURRY
ROOSEVELT
DE BACA
GUADALUPE
SANDOVAL
LOS ALAMOS
SANTA FE
TORRANCE
LINCOLN
MC KINLEY
VALENCIA
BERNALILLO
SOCORRO
CATRON
1
2
3
4
5
STATE OF NEW MEXICO STATE FORESTRY BOUNDRIES
(Northern ½)



STATE OF NEW MEXICO STATE FORESTRY BOUNDRIES
(Southern ½)

PUBLIC SAFETY - CALIFORNIA

Send Public Safety and Special Emergency frequencies, radio system details, and questions for California to: Eric Christensen (CA-LA-045), 3146 W. Ball Road, Apt. 35, Anaheim, CA 92804.

WELCOME TO THE NOVEMBER 1981 ISSUE OF R.C.M.A. PUBLIC SAFETY-CALIFORNIA

Would you believe it?! I never would! Ripley might, however. Perhaps it is Murphy's Law in reverse, but----------Are you ready for this?? Well, it happened!

The Motorola CentraCom Console at California State University, Long Beach Police Department is **FINALLY READY!!!** I knew you wouldn't believe it! I didn't.

Radio frequency capabilities include:

Freq. 1	153.740 MHz.	Primary Police Operations	KLK542
Freq. 2	154.920 MHz.	CLEMARS-Mutual Aid	WXB737
Freq. 3	154.280 MHz.	State Fire Mutual Aid	WQM695
Freq. 4	154.540 MHz.	Paging and escort/Plant Operation	KYT405

All of the above are simplex operation and are transmit/receive by the console. All mobile units are equipped with Freq. 1 and 2 only. Hand held radios currently are only on Freq. 1, but will be equipped with Freq. 2 shortly. Through direct land-line connection to the City of Long Beach Police Department Communications Center, we will be able to communicate on the following City police frequencies: (City license is: KMA651)

Freq. 1	460.125 MHz.	Dispatch-Area 1 (Downtown)
Freq. 2	460.225 MHz.	Dispatch-Area 2 (East) and Area 3 (North)
Freq. 3	460.350 MHz.	Inquiry and car to car
Freq. 4	460.450 MHz.	Detectives and special operations

The City of Long Beach Fire Department uses 2 VHF channels and one UHF channel for operations and administration.

Freq. 1	153.950 MHz.	Dispatch	KMA715	"FIRE"
Freq. 2	154.280 MHz.	Mutual Aid		"Long Beach Fire"
	453.550 MHz.	Administration (Simulcast with 153.95 MHz.)		

Communications between the City Fire Department and the University Police will be by telephone. Radio communications will be made via the 154.280 MHz. mutual aid channel when necessary. All University Police cars and the dispatcher are able to monitor all of the City Police and Fire frequencies via scanners (presently Regency ACT-R-106 or ACT-R-10HLU types. The console has dedicated receivers on these frequencies. Future plans call for the purchase and installation of Regency M-100 scanners in all patrol cars and also the station console.

Continued next month.....

And now, on to the rest of our column.

From ERIC (CA-LA-045):

The following listing of California Highway Patrol frequencies that I monitored while I was on my trip through Northern and Central California during June of this year. These 10 channels were in my Regency ACT-R-106 scanner, which was constantly on while I was driving. Once out of the greater Los Angeles, San Francisco andSacramento areas, radio traffic is almost non existant.

Info from GERRY (CA-SL-005): Santa Cruz area CHP # 26 has temporarily vacated the GREEN channel and has been temporarily assigned to the BLUE channel. Obviously, they are being reassigned elsewhere, but where? Editor's note: My guess for a frequency would be to the RED channel, unless plans are to use one of the brand new channels, ie: GREY, TAN or YELLOW. Also, East Los Angeles # 82 is scheduled to split from Santa Fe Springs # 83 on the GOLD to the new YELLOW channel. The original plans to bring the TAN channel to Glendale # 98 or West Valley # 56 in Los Angeles County (LACC) have been dropped. The split in San Bernardino County may be that Banning # 97 leaves the GREEN and joins Indio

dispatch on the RED. Santa Ana may someday split the PURPLE and pick up the GREY for Westminster # 55 and Capistrano # 113. (You should see the new station- it's a beauty (# 113).

From ERIC (CA-LA-045):

CALIFORNIA HIGWAY PATROL

1.	42.54 MHz	GREEN	San Bernardino # 75; Placerville # 44; Grass Valley # 42; Auburn # 45; Santa Cruz # 26; Monterey # 27; Santa Barbara
2.	42.56	WHITE	Barstow # 73; Mojave # 59; Victorville # 12; (# 29. Sonora # 61; San Andreas # 49; Jackson # 94; Pasa Robles # 9; San Luis Obispo # 28; Santa Maria #14; Buellton # 3; Lakeport # 7. Bakersfield # 69.
3.	42.50	BROWN	Yuba/Sutter # 43; San Jose # 24; W. Valley # 56; ACADEMY.
4.	42.48	GREY	Lake Valley (Meyers) # 13; Truckee # 80; Gold Run # 70.
5.	42.46	BLACK	Sacramento (South) # 112; Woodland # 47.
6.	42.12	GOLD	Sacramento (North) # 46; Oakland # 96.
7.	42.40	PURPLE	Napa # 21; Contra Costa # 19; Solano # 22; Ventura # 31.
8.	42.44	PINK	San Francisco # 32
		RED	Williams # 39
9.	42.08	SILVER	Marin/Golden Gate Bridge # 34; Redwood City # 91.
10.	42.34	BLUE	Bishop # 72; Bridgeport # 71; STATEWIDE SECONDARY CHANNEL.

From CRAIG (CA-VE-011):

SANTA BARBARA COUNTY FIRE SERVICES

153.905	"Red"	Santa Barbara County (Administrative & Tactical)
154.445	"Green"	Santa Barbara City F-1
154.19	"Blue"	Santa Barbara City F-2, Montecito, Carpinteria-Summerland
154.25	"Yellow"	Santa Barbara County (Input to Orange) (Tactical simplex
153.77	"Orange"	Santa Barbara County (Direct) (Dispatch)
154.43		Lompoc
153.95		Santa Maria
153.83		OES Fire Mutual Aid
154.28	"White"	Mutual Aid
462.975		Paramedic Dispatch
173.5875		Vandenberg AFB Fire

MONTECITO FIRE DEPARTMENT (9000)

Chief	900
Assistant Chief	901
Battalion Chief	911
Mechanic	936

Station 1 - 1486 E. Valley Road

Engine 1	9401
Reserve Engine 3	9501
Brush	9701

Station 2 - 2300 Sycamore Canyon

Engine 2	9402
Reserve Engine 2	9502

SANTA BARBARA CITY FIRE DEPARTMENT (7000)

Chief	700
Battalion Chief	711, 712, 713, 714
Fire Marshal	715
Training Officer	730
Inspector	721, 722, 723
Mechanic	736, 737

Station 1 - 121 W. Carrillo

Squad	7601
Rescue	7801
Engine 1	7401
Reserve Engine 1	7501
Truck 1	7611
Reserve Truck	7621
Communications Van	7980
Brush	7701
Hose Wagon	7901

Station 2 - 701 E. Haley

Engine 2	7402

Station 3 - 415 E. Sola

Engine 3	7403
Reserve Engine 3	7503

Station 4 - 3030 De La Vina

Engine 4	7404
Watertank	7704

Station 5 - Las Positas and Modoc Road

Engine 5	7405
Reserve Engine 5	7505

Station 6 - 1808 Cliff Drive

Engine 6	7406
Watertank	7706

Station 7 - 2411 Stanwood Drive

Engine 7	7407
OES Engine 102	7507

CARPINTERIA - SUMMERLAND FPD (6000)

Chief	600
Assistant Chief	601
Battalion Chief	611
Inspector	621, 622, 623

Station 1 - 911 Walnut Avenue

Engine 1	6401
Reserve Engine 1	6501
Patrol	6711
Patrol	6721

Station 2 - 2375 Lillie Avenue

Engine 2	6402
Reserve Engine 2	6502

SANTA BARBARA COUNTY FIRE DEPARTMENT (4000/5000)

Chief	500
Assistant Chief	501, 401, 503
Battalion Chief	411, 412, 413, 511, 512, 513
Acting Chief	410, 510
Training	532
Inspector	521-527

Station 11 - 351 Storke Road (Goleta)

Engine 11	5411
Truck 11	5611
Rescue	5811
Brush	5711

Station 12 - Santa Barbara Airport
Engine 12 5412
Crash 5912
Crash Rescue 5812

Station 13 - 4600 Hollister Avenue (Goleta)
Engine 13 5413
Engine 13A 5513
Brush 5713

Station 14 - 300 Los Carneros Road (Goleta)
Engine 14 5414
Brush 5714

Station 15 - Foothill and Mountain (N. Santa Barbara)
Engine 15 5415

Station 17 - Isla Vista
Engine 17 5417
Engine 17A 5517

Station 21 - Skyway Drive (Santa Maria Airport)
Engine 21 4421
Engine 21A 4521
Brush 4721
Rescue 4821
Crash 4921

Station 23 - Sisquoc
Engine 23 4423

Station 24 - Los Alamos
Engine 24 4424
Engine 24A 4524
Brush 4724

Station 31 - Buellton
Engine 31 4431
Engine 31A 4531
Brush 4731
Rescue 4831

Station 32 - Santa Ynez
Engine 32 4432
Brush 4732

Station 33 - Lake Cachuma
Engine 33 4433

Station 41 - New Cuyama
Engine 41 4441
Engine 41A 4541
Rescue 4841
Brush 4741

Station 51 - Vandenberg Village
Engine 51 4451
Engine 51A 4551
Brush 4751

Wildland Units -	
Fuel Management Officer	4930
Bulldozers	4910, 4920
Crew Trucks	4930, 4940
Crew	4950
Tankers	4960, 4970
Communications Van	4980

SOLVANG FIRE DEPARTMENT (1000)

Chief	"Solvang 100"
Assistant Chief	"Solvang 101"
Captains	"Solvang 121, 122, 123"
Engine 222	"Solvang 1401"
Engine 111	"Solvang 1501"

ORCUTT FIRE DEPARTMENT (1000)

Chief	"Orcutt 100"
Assistant Chiefs	"Orcutt 101, 102"
Captains	"Orcutt 121, 122"
Engine 1	"Orcutt 1401"
Engine 2	"Orcutt 1501"
Brush	"Orcutt 1701"
Rescue	"Orcutt 1801"

LOMPOC FIRE DEPARTMENT (3000)

Chief	300·
Battalion Chief	311, 312, 313
Engine 1	3510
Engine 2	3520
Reserve Engines	3530, 3540

SANTA MARIA FIRE DEPARTMENT (2000)

Chief	200
Battalion Chief	211, 212
Support Staff	220-226
Station 1 -	
Engine 1	2401
Engine 1A	2501
Reserve Engine	2511
Truck 1	2601
Brush	2701
Rescue	2801
Station 2 -	
Engine 2	2402
Brush	2702
Station 3 -	
Engine 3	2403
Tankers	2901, 2902

Brush 3

VANDENBERG AIR FORCE BASE FIRE DEPARTMENT

Chief 2	P13A
Crash 2	P4
Crash 3, Crash 4	P2
Rescue 5	P10 North Base
Rescue 6	P10 South Base
Engine 7	750A
Engine 8	750

Engine 9, 10, 11, 12 P8
Engine 14, 16 530B
Tanker 17-21 Tank

P2= 2300 gals water, 200 gals foam, 1400 GPM@250 psi
P4= 1500 gals water, 180 gals foam, 1200 GPM@250 psi
P13A= 350 lbs dry chemical, 507 lbs Halon 1211 agent
P-10= Ambulance
750A= 175 gals water, 40 gals foam, 750 GPM@150 psi
750= 175 gals water, 40 gals foam, 750 GPM@150 psi
P8= 600 gals water, 55 gals foam, 500 GPM@150 psi
530B= 400 gals water, 40 gals foam, 500 GPM@120 psi
Tank= 1500 gals water, 500 GPM@150 psi

CONDITION REPORTS (Used by all agencies)

Condition A - Routine situation. One unit will probably handle
Condition B - Serious situation. All units responding will probably be needed.
Condition C - Critical situation. Additional units required.
Condition X - Riot situation, notify law enforcement. Fire personnel in immediate danger.

VENTURA CITY FIRE DEPARTMENT

154.37 "Fire Control One" (Red Mountain)
154.28 "White"

Station 1 - 717 N. Ventura Avenue
Engine 1, Rescue 1, Water Tender, C1, (Chief), C2 (AC), C3 (BC), Reserve Engine 1
Station 2 - 41 S. Seward
Engine 2, Car 7 & Car 8 (Fire Prevention), Reserve Engine 2, Fireboat 1 (Marina)
Station 3 - 5833 Telegraph Road
Engine 3, OES Engine 129
Station 4 - 8303 Telephone Road
Engine 4
Station 5 - 4225 E. Main Street
Engine 5, Truck 5 (Snorkel)

OXNARD CITY FIRE DEPARTMENT

154.37 "Oxnard" (Downtown)
154.28 "White"

Station 1 - 206 W. 2nd Street
Squad 1 (Minipumper), Truck 11, Reserve Snorkel
Station 2 - 531 E. Pleasant Valley Road
Engine 12
Station 3 - 150 Hill Street
Engine 13, Reserve Engine 13
Station 4 - 230 W. Vineyard Avenue
Engine 14
Station 5 - 1450 Colonia Road
Engine 15, Reserve Engine 15
Station 6 - 2601 Peninsula Road
Engine 16, Reserve Engine 16
Headquarters - 251 S. "C" Street
Chiefs 1 , 2 , 3 , 4 , 5

CAMARILLO STATE HOSPITAL FIRE DEPARTMENT

153.755

From Cliff POLKINGHORN (CA-AL-???):

SAN LEANDRO CALIFORNIA FIRE DEPARTMENT

ADMINISTRATION OFFICE LOCATED AT:
PUBLIC SAFETY BLDG.
CIVIC CENTER
901 E14th st.
SAN LEANDRO, CALIF. 94577

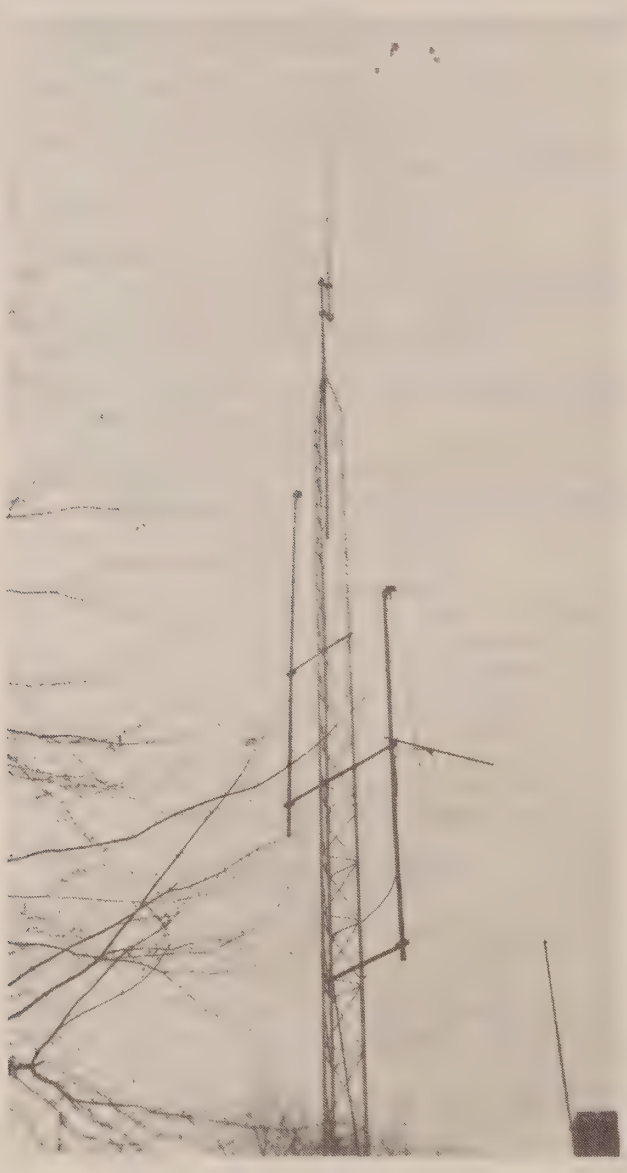
COMMUNICATIONS:
DISPATCH/BASE=154.07
MOBILE =154.07
MUTUAL AID =154.28

CONSISTING OF:
93 FIREMEN AND OFFICERS
7 ENGINES (PUMPERS)
4 TRUCKS (INCLUDING SNORKEL)
2 SQUADS
8 OTHER PIECES OF EQUIP.
5 FIRE STATIONS

	LOCATION	RADIO DESIG.	EQUIP TYPE/STATUS
STATION #1	450 ESTUDILLO AVE. SAN LEANDRO, 94577		
	ENGINE	2E1	
	TRUCK	2T1	SNORKEL
	ENGINE	2E7	RESERVE
	TRUCK	2T6	RESERVE
STATION #2	1040 DAVIS ST. SAN LEANDRO, 94577		
	ENGINE	2E2	
	SQUAD	2S2	
STATION #3	2101 MARINA BLVD. SAN LEANDRO, 94577		
	ENGINE	2E3	
	TRUCK	2T3	
STATION #4	1065 143rd AVE. SAN LEANDRO, 94577		
	ENGINE	2E4	
	TRUCK	2T4	
	SQUAD	2S4	
	POWER WAGON	2J4	GRASS UNIT
	ENGINE	2E6	RESERVE
STATION #5	395 FARGO ST. SAN LEANDRO, 94579		
	ENGINE	2E5	

photo department

Send photographs of custom monitor listening posts, unusual or extensive monitor or two–way antenna systems, user station consoles (PD, Fire, Paramedics, etc.) or other monitor/two–way related equipment of interest, Photographs must be 3' by 5' inches or larger, black and white with good contrast, sharply focused and attractively composed. Each photo must be accompanied by details and explanations of equipment. Photos will not be returned. If you have questions, write first and please include an SASE. Send photos or write to: Mike Redman, P.O. Box 1177, St. Charles, MO 63301.



There on the ~~left~~ we see the antenna array of The Alarm Room News, a Fire Service publication of E. Hartford, CT. At the top of the tower is a VHF-Hi Band Antenna for 154.540 & 154.625 Transmit and Receive, Top left- VHF-Lo Band for 46 Mhz. receive, Upper Right- VHF Lo Band for 33 Mhz. receive, Yagi- 466.275 and 467.575 Mhz. Transmit & Receive, and the chimney mounted unit is VHF/UHF receive only. Keith Victor (CT-042), Editor of the Alarm Room News, lists two pages of frequencies monitored from this location 24 hours a day. This is indeed a rather snazzy set-up. The Alarm Roon News is a unique publication for those in the Connecticut area listing fire apparatus, fire frequencies, fire alarm run reports, and constantly updated fire information. For more information, write to Keith at 44 Suffolk Dr., E. Hartford CT. 06118. NOW, lets have your station photo, local PD station radio or mobile unit photo, tower arrays, home installations, or whatever you might care to photograph that has something to do with the hobby of monitoring. Send it in the familiar preferred 5 x 7 size to me at the PO Box above. It may take a few months before it appears, but it should make it. Keep those photos coming in!

EDITOR WANTED!

FREQ.(MHz) 39.580 CALLSIGN KUB433 VERBAL I.D. Green Co Animal SERVICE Animal Control?
Control - KUB433
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/23/81 TIME 1630 EST
STATION LOCATION ? DISTANCE ? RCMA # NY144
COMMENTS: Any Help on this?

FREQ.(MHz) 42.120 CALLSIGN KAB302 VERBAL I.D. Jefferson City SERVICE SPD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/23/81 TIME 1635 EST
STATION LOCATION MO State - Jefferson City DISTANCE 990 RCMA # NY144
COMMENTS:

FREQ.(MHz) 39.500 CALLSIGN KSA936 VERBAL I.D. KSA936 SERVICE Co PD
BASE MOBILE Base RECEIVER Regency K500 DATE 6/23/81 TIME 1640 EST
STATION LOCATION Clinton Co - Carlyle (IL) DISTANCE 882 RCMA # NY144
COMMENTS:

FREQ.(MHz) 39.500 CALLSIGN KSG396 VERBAL I.D. Brown Co. SERVICE Co PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/23/81 TIME 1642 EST
STATION LOCATION Brown Co - Mt Sterling (IL) DISTANCE 894 RCMA # NY144
COMMENTS:

FREQ.(MHz) 42.060 CALLSIGN KAA270 VERBAL I.D. KAA270 SERVICE S PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2030 EST
STATION LOCATION MO State - Poplar Bluff (MO) DISTANCE 935 RCMA # NY144
COMMENTS:

FREQ.(MHz) 39.500 CALLSIGN KDT296 VERBAL I.D. Hamilton Co SERVICE Co PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2040 EST
STATION LOCATION Hamilton Co - Mcleansboro (IL) DISTANCE 804 RCMA # NY144
COMMENTS:

FREQ.(MHz) 42.060 CALLSIGN ? VERBAL I.D. Randolf Co SERVICE Co PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/25/81 TIME 0900 EST
STATION LOCATION Randolf Co - ? (IL) DISTANCE _____ RCMA # NY144
COMMENTS: Unknown city of transmission or callsign.

FREQ.(MHz) 39.460 CALLSIGN KSC766 VERBAL I.D. Clark Co SERVICE Co PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/25/81 TIME 1650 EST
STATION LOCATION Clark Co - Marshall (IL) DISTANCE 739 RCMA # NY144
COMMENTS:

FREQ.(MHz) 39.500 CALLSIGN ? VERBAL I.D. Adams Co SERVICE Co PD
BASE MOBILE Base RECEIVER Regency K500 DATE 6/25/81 TIME 1900 EST
STATION LOCATION MS DISTANCE _____ RCMA # NY144
COMMENTS: Plice Call volume 7 not available at logging.

FREQ.(MHz) 39.500 CALLSIGN KLP495 VERBAL I.D. KLP495 SERVICE ?
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/25/81 TIME 1910 EST
STATION LOCATION ? DISTANCE ? RCMA # NY144
COMMENTS: Any help from others?

FREQ.(MHz) 42.060 CALLSIGN KAA243 VERBAL I.D. KAA243 SERVICE SPD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/25/81 TIME 1925 EST
STATION LOCATION MO State - Springfield (MO) DISTANCE 1073 RCMA # NY144
COMMENTS:

FREQ.(MHz) 42.060 CALLSIGN KAA204 VERBAL I.D. KAA204 SERVICE SPD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/25/81 TIME 2035 EST
STATION LOCATION MO STATE - St Joseph (MO) DISTANCE 1100 RCMA # NY144
COMMENTS:

FREQ.(MHz) 39.500 CALLSIGN KSA975 VERBAL I.D. Mt Carmel SERVICE PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2041 EST
STATION LOCATION Mt Carmel (IL) DISTANCE 763 RCMA # NY144
COMMENTS:

FREQ.(MHz) 39.460 CALLSIGN KSA967 VERBAL I.D. Marshall Co SERVICE Co PD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2045 EST
STATION LOCATION Marshall Co - Lacon (IL) DISTANCE 808 RCMA # NY144
COMMENTS:

FREQ.(MHz) 42.060 CALLSIGN KAA522 VERBAL I.D. Willow Spring SERVICE PD
BASE MOBILE Base RECEIVER /Regency K500 DATE 6/24/81 TIME 2050 EST
STATION LOCATION Willow Spring (MO) DISTANCE 1011 RCMA # NY144
COMMENTS:

FREQ.(MHz) 42.060 CALLSIGN KAA270 VERBAL I.D. AR State PD SERVICE SPD
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2135 EST
STATION LOCATION AR State - ?transmitter city DISTANCE ? RCMA # NY144
COMMENTS: Unknown city of transmission.

FREQ.(MHz) 42.060 CALLSIGN KJA272 VERBAL I.D. KJA272 SERVICE ?
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2140 EST
STATION LOCATION ? DISTANCE ? RCMA # NY144
COMMENTS: Police Call wasn't available at time of log. (Vol 7)

FREQ.(MHz) 42.060 CALLSIGN ? VERBAL I.D. Larch Valley SERVICE ?
BASE/MOBILE Base RECEIVER Regency K500 DATE 6/24/81 TIME 2146 EST
STATION LOCATION Larch Valley DISTANCE ? RCMA # NY144
COMMENTS: No Police Call (vol 7) available at time of logging.

under 30 MHz

Shortwave Utility

Chris Devendorf, Editor

This column is for reporting RTTY, CW, MCW, SSB, AM and FAX reception reports, explanatory notes, articles, and questions related to frequencies below 30 MHz. Services covered in this column will be military, civilian aeronautical, coastal/maritime, SSB broadcast feeders, government, beacons, weather, voice markers, time/frequency stations, etc.——essentially everything except broadcast, CB, and amateur radio. Send to: Chris Devendorf, P.O. Box 6002, Laguna Niguel, CA 92677. If you need a Shortwave Utility report form, please inclose a SASE with your request.

ATTENTION ALL UTILITY LISTENERS!!

If you enjoy seeing shortwave utility material in the RCMA Newsletter, seriously consider becoming the new editor of this column. I have been the editor for one year now and have enjoyed it very much, but I have also added several new responsibilities to my life that take precedence over hobby matters. If you think that you might be interested in becoming the editor, drop me a line as-soon-as-possible. I would hate to see the column die because I was the only person willing to edit it.

CONTRIBUTORS		Primary Receiver	RTTY Unit
Mike Chabak	AZ-23	HQ-180	
Terry Miliczky	IN-3	R-300	
Fred Osterman	KY-18	R4B	Info Tech
Ron Pokatiloff	IL-83	R-1000	
Al Ricciuto	NY-150	DR-22	
Len Stock	CO-25	FRG-7000	
Edgar Vest	VA-26	DX-302	Kantronics

VOICE

2150	USB	7-27	1315	USS DUNCAN wkg LONG BEACH CONTROL 2 (USN)	MC
	USB	8-5	1231	USS WADSWORTH wkg USS PAUL K FORSTER & SAN DIEGO CTL	MC
3163.5	USB	8-7	1329	ARIA CONTROL wkg SWEAT 32 (duplex w/7706.5)	MC
5327	LSB	7-27	1308	WI31Ø wkg WI51 w/ tfc (Corps of Engineers?)	LS
5399	LSB	8-20	1333	WUH USACE Omaha, NE wkg WUH4Ø8 w/ radio check	LS
5624	A3H	8-10	0258	GANDER, Nfld wkg GERMAN AIR FORCE 1ØØ4	AR
5638	A3H	7-27	0332	GANDER, Nfld wkg CZECHOSLOVAKIA 6Ø1	AR
5700	USB	8-7	1206	ABNORMAL 1Ø (Vandenberg AFB) wkg SWEAT 32	MC
6462	USB	8-17	0246	BRAVO wkg SILKWORM with radio check	LS
6506.4	USB	7-29	1215	TOWNSEND CROMWELL (NOAA ship) wkg COMMSTA KODIAK, AK	MC
6526	USB	7-27	1211	SPEEDBIRD SYDNEY, Aust. wkg SPEEDBIRD 1 (LDOC)	MC
6540	A3H	7-28	0008	NEW YORK, NY wkg N1Ø35Faircraft	AR
6996	USB	7-30	1238	AGA8PH Pohang, S Korea wkg AF6RI (USAF-MARS) p/p	MC
	USB	7-30	1243	AGA8KJ Kwan-Ju, S Korea wkg AF6RI (USAF-MARS) p/p	MC
	USB	7-30	1247	AGA8PS Palgong San, S Korea wkg AF6RI (USAF-MARS)p/p	MC
	USB	7-30	1250	AGA8KU Kusan, S Korea wkg AF6RI (USAF-MARS) p/p	MC
	USB	7-30	1330	AGA8CL Clark AB, Philippines wkg AF6RI (USAF-MARS)	MC
7706.5	USB	8-7	1310	SWEAT 31 (aircraft) wkg ARIA CONTROL (w/ 3163.5)	MC
8249.5	USB	7-31	0107	USS SIDES wkg SAN DIEGO ICSB with phone patch	MS
8260.1	USB	8-8	0453	Vessel GURA-ARDMORE wkg KMI with phone patch	MC
8291.1	USB	6-30	0458	Vessel NOMASTE clg COMSTA PORTSMOUTH w/ no reply	RP
8294.2	USB	6-30	0507	Vessel NOMASTE clg COMSTA PORTSMOUTH w/ no reply	RP
8624	USB	7-27	1328	JETSON CHARLIE clg JETSON BRAVO	LS
8790.2	USB	8-1	0531	WLO Mobile, Alabama with traffic list	RP
8826	A3H	7-20	0329	LAGOS, Nigeria wkg BULGARIAN 179	AR
	A3H	7-21	0111	KANO, Nigeria wkg UTA 746	AR
	A3H	7-21	0114	LA PAZ, Bolivia wkg AERO URUGUAY 181	AR
	A3H	8-10	0125	LUANDA, Angola wkg AEROFLOT 436	AR
8830a	LSB	8-12	1325	A5M clg E6X, Unknown stations	TM
8847	A3H	7-20	0352	BRASILIA, Brazil wkg CLIPPER 44Ø	AR
	A3H	7-22	0056	PIARCO wkg MAC 5Ø279	AR
	A3H	7-23	0023	MAIQUEITA, Venezuela wkg BELGE TRANSPORT 17Ø8	AR
	A3H	7-27	0313	MANUS, Brazil wkg BRANIFF 6Ø1	AR
	A3H	7-27	0317	PARAMARIBO wkg MAC 6Ø144	AR
8854	A3H	7-23	0027	GANDER, Nfld wkg SCANDENAVIAN 793Ø r/ for LNBGQ	AR
8868a	AM	8-17	0200	ANCHORAGE RADIO, Alaska with aero weather	TM
8910	A3H	7-27	0305	REKYJAVIK, Iceland wkg SCANDEAVIAN 938Ø	AR
	A3H	7-27	0322	FROBISHER, Canada wkg CGCED	AR
	A3H	7-31	2332	CAMBRIDGE BAY, Canada wkg AIR CANADA 846	AR
	A3H	8-12	0419	CHURCHILL, Canada wkg AIR CANADA 85Ø (ELT heard)	AR
8917	USB	7-25	1322	SWEAT CONTROL wkg SWEAT 21	LS
8945	USB	7-23	0421	NEW YORK, NY wkg COAST GUARD RESCUE 15Ø4	AR
	A3H	8-12	0317	SANTA MARIA, Azores wkg EAST-WEST AIRLINES ØØ3	AR
8967	LSB	7-31	2355	MAC DILL, Florida wkg SAM 31681 w/ p/p	AR
8984	USB	8-9	0259	COMSTA BOSTON wkg COAST GUARD 1339	AR
8989	USB	7-23	0331	MC CLELLAN, Calif. wkg XB372	AR
	USB	8-8	2327	MAC DILL, Florida wkg MAC 6Ø167 w/ p/p POPE METRO	AR
8993	USB	8-11	0320	MAC DILL, Florida wkg MAC 7ØØ18 w/ p/p 21st AF	AR
9027	USB	8-20	1402	MOLINE CONTROL wkg RACETRACK (SAC-Romeo Freq)	TM
10493	USB	7-29	1254	WGY901 MOBILE wkg WGY903, 906 & 908 (FEMA net)	MC

10510	USB	8-7	1209	SWEAT 32 wkg ABNORMAL 10 (Vandenberg) (w/10660)	MC
10523.6	USB	8-5	1159	MARCUS LORAN wkg POHANG LORAN (USCG)	MC
	USB	8-6	1209	POHANG LORAN, S Korea wkg YAKOTA MONITOR (USCG)	MC
10660	USB	8-7	1217	ARIA CONTROL wkg SWEAT 32 (prob via ABNORMAL 10)	MC
11215	USB	8-1	1400	DRAGNET GOLF wkg RAYMOND 24 (Tinker AFB)	MC
11225	LSB	8-13	0004	ANDREWS, Maryland wkg SAM 24126 w/ p/p	LS
11367	A3H	8-2	0745	NEW YORK, NY wkg NORDAIR LTD 333	AR
	A3H	8-20	1415	NEW YORK, NY wkg NAVY AAA4	TM
11420a	LSB	8-20	1530	NEW YORK, NY wkg 66R	TM
13110	USB	8-5	1856	6BB wkg L6B (USN tactical)	RP
13116.3	USB	6-30	0440	WOM Miami, Florida wkg NOMASTE w/ USCG p/p	RP
13125.6	USB	8-6	0736	CAPETOWN RADIO, S Africa w/ OM/YL vm	RP
13244	USB	7-23	1328	MAC DILL, Florida wkg RESCUE 1345	AR
13295a	USB	8-20	1558	17 TANGO NANCY clg 15 GOLF ECHO	TM
14467	USB	7-28	0326	NNNØCRG USS STUMP wkg NNNØCVO USS GUADALCANAL	MC
14470	USB	7-30	0253	NNNØNXM USS CALOOSAHATCHEE wkg NNNØWRQ p/p	MC
14477	USB	7-27	0026	NNNØCRB USS DETROIT wkg NNNØAAJ p/p (USN-MARS)	MC
	USB	8-8	0435	NNNØCXX USS THOMAS JEFFERSON wkg NNNØXTI (USN-MARS)	MC
15077	USB	8-4	1824	PUMP BREAK clg EE556 and BE176	LS
17232.9	USB	7-13	0038	GEN PACHECO RADIO, Argentina w/ OM vm	RP
17487	USB	7-31	2109	SCOTT RADIO wkg FORMAT (Mc Guire AFB)	LS
20198	LSB	8-21	1404	"7" Grand Turk Island wkg 3 ALFA w/ traffic (ETR)	LS

MORSE

215	MCW	8-12	1820	"HB" beacon (Unknown location)	TM
230	MCW	8-12	1828	"BCN" beacon (Unknown location)	TM
260	MCW	8-12	1850	"SWL" beacon (Unknown location)	TM
324	MCW	8-21	0004	"HJH" beacon: Hebron, NE	LS
378	MCW	8-7	2045	"CRQ CNQ CN-- ARNQENO CNQ" (Unknown station)	EV
6375	CW	8-7	2035	"OBS 7Q5X68 JE 16 22 MHZ" unk coast station	EV
8090	CW	8-7	1230	NAM NAVCOMMSTA NORFOLK, VA with LCMP Bcst	EV
	CW	8-8	1305	NAM NAVCOMMSTA NORFOLK, VA with multicall marker	EV
	CW	8-8	1900	NAM NAVCOMMSTA NORFOLK, VA with LCMP Bcst	EV
12828	CW	8-7	1723	WNU Slidell Radio, LA, CQ marker	EV
13025	CW	8-8	2030	WSL Amagansett Radio, NY, CQ marker	EV
13034	CW	8-8	2020	WCC Chatham Radio, MA, marker	EV

RTTY

5474	66/850R	CSY21 Santa Maria, Azores, RY test	FO
11433a	66/425	CAI7E Easter Island Aero, RY test	FO
12502	66/170	ULJH vessel MARGUELAN wkg UFB with traffic	FO

VHF Marine

Rod O'Connor, Editor

Send information, articles, frequencies and how they are used, and questions that relate to private, commercial, and Coast Guard VHF maritime and inland waterways radio communications to: Rod O'Connor, USCG Group, 259 High Street, South Portland, Maine 04106.

SAGINAW BAY VHF-MARINE FREQUENCIES AND EXPLAINATIONS

-- LARRY [MI-001]

NOTE: SAGINAW BAY IS LOCATED IN THE "U" SHAPE OF WATER BETWEEN MICHIGAN'S THUMB AND PAML

CH. 6 156.300 COMMERCIAL/NON-COMMERCIAL AND USED ALSO

		USED IN LIASON WITH COAST GUARD/PUBLIC SEARCH/RESCUE ACTIVITIES.
CH. 9	156.450	ALL STATE OPERATED DOCKS & MARINAS
CH. 10	156.500	COMMERCIAL TRAFFIC
CH. 12	156.600	COMMERCIAL TRAFFIC AND COAST GUARD USE [WHEN THE COAST GUARD CALLS A BOAT AND IT IS KNOWN THE BOAT DOES NOT HAVE CH. 22 THEY ARE ASKED TO GO CH. 12]
CH. 16	156.800	WORLD-WIDE CALLING/DISTRESS FREQUENCY [SECURITY*& PAN*MESSAGES GIVEN ON THIS CHANNEL AS WELL]
CH. 21	157.050	COAST GUARD CHANNEL [HELICOPTER USE TOO]
CH. 22	157.100	COAST GUARD CHANNEL [MOST COMMON ON G. L.]
CH. 23	157.150	COAST GUARD CHANNEL [HELICOPTER USE TOO]
CH. 26	157.300	SHIP CHANNEL [PHONE CALLS]] FROM TAWAS CITY
CH. 26	161.900	SHORE CHANNEL [PHONE CALLS]
CH. 28	162.000	SHORE CHANNEL [PHONE CALLS] REPEATED FROM BAY CITY
CH. 68	156.425	NON-COMMERCIAL & SOME PRIVATE MARINAS
CH. 70	156.525	NON-COMMERCIAL
CH. 72	156.625	NON-COMMERCIAL [USED ONLY WHEN 68/70 ARE BUSY
CH. 81	157.075	COAST GUARD AUX. RESCUE VESSELS
CH. 83	157.175	COAST GUARD AUX. RESCUE VESSELS
	122.900	COAST GUARD & C.A.P. RESCUE AIRCRAFT, CH. 2
	123.100	COAST GUARD & C.A.P. RESCUE AIRCRAFT, CH. 1

[*] SECURITY = SAFETY SIGNAL
[*] MAYDAY = DISTRESS SIGNAL
[*] PAN = URGENCY SIGNAL

Larry (MI-01) has provided the accompanying list of frequencies used around Saginaw Bay, Michigan.

Also received recently from Mike (IDAHO 01) is a correct listing of Southern California Marine Operators, "Definitely Verified". Apparently previous columns contained some errors.

San Diego Marine Operator - Channels 24, 86, and 28
Redondo Beach Marine Operator - Channels 27, 85, and 87
San Pedro Marine Operator - Channel 26
Santa Barbara Marine Operator - Channel 25
Dana Point Marine Operator - Channel 84

This month sees the start of a new feature, which I will continue as space permits. In previous issues I mentioned that I was planning on starting a list of the Coast Guard Notice to Mariners Broadcasts. The listings are from the Defense Mapping Agency Publication "Radio Navigational Aids", and, of course, are subject to some error. However, they will give the general time

one can expect the broadcast. It should be noted that these times are approximate. The individual watchstander at the given unit may be unable to make the broadcasts at the exact time, due to other operations (Search & Rescue, Other traffic on channel, etc.) but for the most part the broadcasts are made quite near the assigned time.

Also included are the LW and SW frequencies, as it would have been very time-consuming to copy the entire listings, and utilize only the VHF broadcasts. Undoubtedly, there are some who will be interested in monitoring the LW,SW frequencies for these broadcasts also.

Times given are Greenwich Mean Time ("Zulu-time")

4083. **Southwest Harbor, ME. (NMF 44), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
1135, 2335	157.1 MHz, F3	Notice to Mariners only.

4084. **Portland, Me. (NMF 31), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
1105, 2305	157.1 MHz, F3	Notice to Mariners only.

4086. **Boston, Mass. (NMF), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
0000, 1450	472 kHz, A1	Notice to Mariners and weather.
0440, 1640*	2670 kHz, A3, A3H	Notice to Mariners and weather.
0018	5320, 8502 kHz, A1	Ice reports when available,
1218	8502, 12750 kHz, A1	International Ice Patrol Bulletins.

*Notice to Mariners only.

4086.5 **Boston, Ma. (NMF 7), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
1035, 2235	157.1 MHz, F3	Notice to Mariners only.

4087. **Woods Hole, Ma. (NMF 2), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
1005, 2205	157.1 MHz, F3	Notice to Mariners only.

4088. **Shinnecock, N.Y. (NMY-41), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
0020, 1220	2670 kHz, A3, A3H	Notice to Mariners and weather.

4090. **Cape May, N.J. (NMK), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
1103, 2303	2670 kHz, A3, A3H	Notice to Mariners and weather.

4092. **Baltimore, Md. (NMX), U.S. Coast Guard.**

TIMES:	FREQ.:	NATURE OF BROADCAST:
0130, 1205	157.1 MHz, F3	Notice to mariners.

NEW MEMBERS LIST

3:48 AM FRIDAY, SEPTEMBER 11, 1981

AL 017 GRESHAN, MRS WILLIAM;PO BOX 149;FLOMATON, AL 36441
AZ 038 MADDEN, ROBERT;833 WEST RIVER ROAD;TUSCON, AZ 85704
AZ 039 WILSON, H.W.;7434 W BROWN;PEORIA, AZ 85345
CAAL036 KAMMEN, JON;1817 CENTRAL AVE;ALAMEDA, CA 94501
CAAL037 BURTON, KEITH T;4251 WILSHIRE BLVD;OAKLAND, CA 94602
CAKE014 GROSS, ARTHUR;1205 N EL PRADO;RIDGECREST, CA 93555
CALA444 VARNEY, GEORGE I;8910 SEPULVEDA EASTWAY
LOS ANGELES, CA 90045
CALA445 JOHNSON, BARBARA;7103 GREELEY ST;TUJUNGA, CA 91042
CALA446 ADAMS, MIKE;4319 BELLECHASSE ST;COVINA, CA 91723
CALA447 MURPHY, JOHN E;8602 CATALINA AVE;WHITTIER, CA 90605

CALA448 EVANS, JIM;20803 THORNLAKE AVE;LAKEWOOD, CA 90715
CALA449 GUSTIN, FORREST J;13932 LONGWORTH;NORWALK, CA 90650
CALA450 RECTOR, MALCOMB B JR;315 EAST NORMAN AVE
ARCADIA, CA 91006
CALA451 SMOLEN, ADAM;5267 SHUSHONE;ENCINO, CA 91316
CALA452 VIRANT, E.G.;9296 DORRINGTON AVE;ARLETA, CA 91331
CAOR210 GRAICHEN, VERLYLE V;11362 WASCO ROAD
GARDEN GROVE, CA 92641
CAOR211 TAYLOR, ROBERT G;16591 WAITE LANE
HUNTINGTON BEACH, CA 92647
CAOR212 FRANK, JOHN P.;6601 KILDA CIRCLE
HUNTINGTON BEACH, CA 92647
CAOR213 HEMBREE, O.T.;8681 KATELLA AVE;STANTON, CA 90680
CAOR214 BRADY, JAMES M;31406 FLYING CLOUD DRIVE
LAGUNA NIGUEL, CA 92677
CAOR215 COONRADT, JAMES S;11691 MAC DUFF STREET
GARDEN GROVE, CA 92641
CAOR216 JAMES, ANDREW;PO BOX 1121;TUSTIN, CA 92680
CASC028 ALEXANDER, NORMAN;7504 CRYSTAL BLVD
DIAMOND SPRINGS, CA 95619
CASD046 JACK, RALPH C;2719-1/2 MISSION BLVD;SAN DIEGO, CA 92109
CASD047 BENNETT, GERALD;5424 MT. ARIANE DR;SAN DIEGO, CA 92111
CASM019 POPYON, EDWARD L;PO BOX 42;SAN BRUNO, CA 94066
CASM020 SMONSKI, HENRY;PO BOX 1134;SAN BRUNO, CA 94066
CASR015 ELWOOD, ALBERT S;PO BOX 2112;GOLETA, CA 93118
CT 055 NESTERUK, ALLAN OAK;45 MURRAY STREET;ANSONIA, CT 06401
CT 056 KLAFF, JOHN;216 DOVER ST;STRATFORD, CT 06497
CT 057 LESCO, EDWARD A;49 DANIEL BLVD;BLOOMFIELD, CT 06002
FL 124 NEAL, JAMES D;1028 WESTDALE DRIVE;JACKSONVILLE, FL 32211
FL 125 FULFORD, JHON C JR;438 - 36TH STREET
WEST PALM BEACH, FL 33407
FL 126 BRYANT, FRED H;548 WEST 53RD STRFET;HIALEAH, FL 33012
FL 127 CONCANNON, CHARLES;PO BOX 724;BOCA RATON, FL 33432
FL 128 WILLIAM E;INVERNESS, FL 32650
GA 036 OVERALL, N. S. THOMAS;PO BOX 77154;ATLANTA, GA 30357
HI 006 BRUNNER, ROBERT L;98-410 KOAUKA LOOP N 17K
AIEA, HI 96701
IL 198 BENDER, SCOTT;117 LA RUE;PARK FOREST, IL 60466
IL 199 ALLEN, ROSEMARY A;1317 WASHINGTON
LAKE IN THE HILLS, IL 60102
IL 200 ALKORNE, JAMES;1432 N LA SALLE;CHICAGO, IL 60610
IL 201 TREADWAY, CARLOS SR;RR 1 BOX 127;BEARDSTOWN, IL 62818
KY 029 STILWELL, VERNON F;ROUTE 3 BOX 168;HARDINSBURG, KY 40143
KY 030 RICHARDS, PAUL E;PO BOX 18041;LOUSIVILLE, KY 40218
LA 028 HULSTON, DAVID J;1305 MERCHANTS BLVD;LEESVILLE, LA 71446
MA 099 DRUMM, EDMOND K.;50 FELICA STREET;SPRINGFIELD, MA 01104
MA 100 BUDGE, CHIRSTOPHER G;31 ITHACA CIRCLE
NEWTON LOWER FALLS, MA 02162
MI 099 SPEER, GARY;128 ORCHARD ST;CHELSEA, MI 48118
MI 100 BOWERS, GARY A;30430 NEWPORT;WARREN, MI 48093
MI 101 HOWARD, LESLIE;1060 MAYFLOWER;LINCOLN PARK, MI 48146
MN 032 RODRIGUES, HENRY;5725 SUNSET ROAD;MOUND, MN 55364
MO 062 HALLEMANN, DAVE;RT 3 BOX 160-55;HILLSBORO, MO 63050
MO 063 BLODGETT, DAVE;550 BLAZEDWOOD DR;BALLWIN, MO 63011
NB 007 BERRYMAN, EVERETT;5919 NEWTON STREET;LINCOLN, NB 68506
NC 038 BENNETT, BEN;3752 SOUTHEAST SCH RD;GREENSBORO, NC 27406
NC 039 GRAVES, LEWIS P.;113 PATETOWN RD;GOLDSBORO, NC 27530
NJ 069 PLAIN, GEOFFREY G;15 NORWOOD AVE APT C-2;SUMMIT, NJ 07901
NJ 133 HUFFMAN, MR S.;46 RICH STREET APT 3B;IRVINGTON, NJ 07111
NJ 134 BELL, ROBERT;1155 OXFORD STREET;TOMS RIVER, NJ 08753
NJ 135 KOLONER, ELLIOT;76 ELIZABETH ST;RIVER EDGE, NJ 07661
NJ 136 KROLL, CHARLES H;4 TOMAHAWK RD;MARLTON, NJ 08053
NY 182 MYERS, JOHN J;R.D. N 3;BALLSTON SPA, NY 12020
NY 183 RICHARD;ROCKVILLE CENTRE, NY 11571

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NY  184 BRIGGS, DAVID W JR;11 VILLAGE DR;HUNTINGTON, NY  11743
NY  185 GLEICHER, GARY H.;242-01 ALAMEDA AVENUE
        DOUGLASTON, NY  11363
OH  117 ISENBERG, STEPHEN;160 WOODBINE AVE, SE;WARREN, OH  44483
OH  118 GERHARDT, RALPH;3139 BELLEWOOD AVE;CINCINNATI, OH  45213
OK  025 HAAS, TIMOTHY;ORU BOX 313;TULSA, OK  74171
OR  041 STULTS, STEVE;4540 SW 70TH ST ?17;PORTLAND, OR  97255
OR  042 CLARK, CHARLES S;1510 WORDEN ST;KLAMATH FALLS, OR  97601
OR  043 ADAMSON, EARNEST W;3906 SE PINE ST LAURELHUST
        PORTLAND, OR  97214
PA  146 ADLER, MICHAEL;%SCORPIO MUSIC;PO BOX 391
        CORNWELL HEIGHTS, PA  19020
PA  147 STEPHENS, ROBERT;ONE KNOB ROAD;MOUNT POCONO, PA  18344
PA  148 JOHN F;PHOENIxVILLE, PA  19460
TX  097 PORTER, PHIL;11915 N BLACKJACK OAK CR
        THE WOODLANDS, TX  77380
TX  098 CURTIS, FRANKLIN D;136 EL DORADO;GRAPVINE, TX  76051
TX  099 BROWN, LEE M JR;MT. NECHES ROUTE 3 BOX 120
        WOODVILLE, TX  75979
TX  100 HOLDEN, JAMES A;7000 GUADALUPE #109;AUSTIN, TX  78752
TX  101 SPURR, PAT F;7251 WALLACE STREET;DALLAS, TX  75217
TX  102 BASS, BLAKE D;3317 MONTROSE  A1094;HOUSTON, TX  77006
VA  060 PEYTON, MICHAEL F;1600 S JOYCE ST  APT C-1001
        ARLINGTON, VA  22202
VA  061 VEST, KENNETH W;CHRISTIANSBURG BLUFF L 109
        CHRISTIANSBURG, VA  24073
VT  003 BOUCHER, PETER K;6D OAK TERRACE;COLCHESTER, VT  05446
WA  032 HAWORTH, WESLEY A;5907 CHERYL COURT;FERNDALE, WA  98248
WI  045 GESKE, FRED;ROUTE 1, BOX 258G;WOODRUFF, WI  54568
WI  046 FLOWER, EUGENE C;4073 N 85TH ST;MILWAUKEE, WI  53222
WI  047 HILTON, WILLIAM;3322 W JUNEAU APT 1;MILWAUKEE, WI  53208
077CANA SMITH, BRIAN;PO BOX 217;NOBLETON, ONTARIO;CANADA, L0G 1N0
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AR	13	CASJ	6	ME	15	WY	4
AZ	33	CASK	1	MI	78	ARUB	1
CAAL	29	CASL	5	MN	27	AUST	1
CABU	1	CASM	15	MO	54	BERM	2
CACC	13	CASN	5	MS	16	ENGL	1
CAED	4	CASO	4	MT	3	ICLD	1
CAFR	1	CASR	11	NB	5	INDO	1
CAGL	2	CAST	1	NC	34	MEXI	2
CAHU	3	CASZ	2	ND	4	NIRE	2
CAKE	12	CATL	1	NH	12	NORW	1
CAKI	2	CATR	1	NJ	121	NZEL	1
CALA	353	CAVE	21	NM	9	SAAR	1
CALK	2	CAYO	2	NV	11	SWED	2
CAMA	1	CO	28	NY	149	*TOTAL*	2774
CAME	10	CT	44	OH	94		
CAMO	3	DC	7	OK	18		
CAMR	3	DE	10	OR	35		
CANA	67	FL	111	PA	137		
CANV	1	FRCP	24	PR	2		
CAOR	144	GA	32	RI	9		
CAPL	1	HI	6	SC	10		
CAPU	1	IA	25	SD	5		
CARI	33	ID	5	TN	18		
CASA	13	IL	170	TX	90		
CASB	34	IN	35	UT	9		
CASC	20	KS	21	VA	51		
CASD	39	KY	26	VT	3		
CASE	1	LA	21	WA	27		
CASF	15	MA	91	WI	42		

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DEALER INQUIRIES * ARE INVITED *

Buzzes

The R.C.M.A. Board is taking this opportunity to answer the many letters of inquiry we have had on the following topics.

MEMBERSHIP CARDS AND BADGES

The R.C.M.A. has no badges, decals, or membership cards for sale or distribution. The label on your newsletter is your membership card. Other clubs may have several gimmics or commercial good deals. Our good deal is the newsletter, which you as members get to write.

MEMBERSHIP RENEWAL DATE

The date printed by your membership number on your label shows the last month of your current membership. You should renew by this date to insure continuous reception of the newsletter.

Several misunderstandings have occurred due to the fact the newsletter we mail this month is carrying a cover date of next month. The advanced date is used to allow USPS to deliver your newsletter to you on time. Your letter is mailed approximately four days after the monthly board meetings.

PRORATED MEMBERSHIPS

To save postage and other complications, if your original membership application was not accompanied by the correct amount. You received a prorated membership label of less than 12 months. Please do not send in the extra amount to finish the year, just renew when your prorated date comes up.

SPECIAL FREQUENCY REQUESTS

Contact your local R.C.M.A. group for frequencies in your area or use the contact column of the newsletter. We are not yet set up for a national distribution of frequencies. We have discussed this possibility, but the current logistics of the newsletter has stopped us. Ultimately the big picture would include copies of the F.C.C. and I.R.A.C. data bases, a fast computer, and software to select and sort in any order. e.g. Frequencies along route 66 from Chicago to Tulsa in order of the cities passed. Should anyone want to bluesky on this announce your intentions in the Contact Column. We will get there. The Auto Club can plan a road trip, we should be able to give you a frequency map someday....

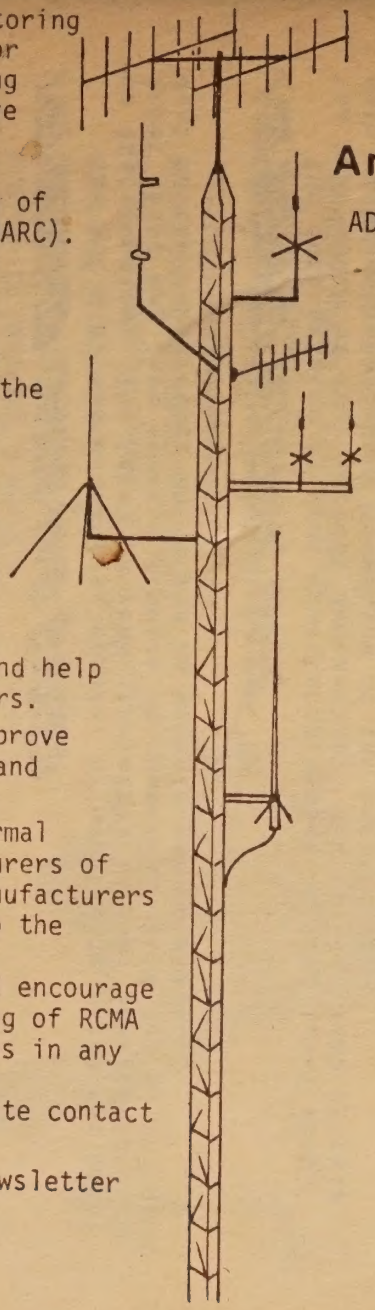
MATERIAL FOR EDITORS

Please send frequency reports and comments directly to the appropriate editor. Until we get the big data base system, the use of a central distribution P.O. Box for everything has lots of delays.

The Radio Communications Monitoring Association is a radio club for persons interested in listening to two-way communications above 30 MHz as a hobby. RCMA was founded in May 1975 and is a Full Member of the Association of North American Radio Clubs (ANARC).

The goals of RCMA are:

1) To provide a fraternity for those who seriously pursue the hobby of monitor radio listening.
2) To try to be knowledgeable about two-way radio systems and operations.
3) To promote an understanding of the legal and ethical uses of monitor receivers.
4) To share information with and help other monitor radio listeners.
5) To try to understand and improve receivers, antenna systems and related equipment.
6) To offer suggestions and formal recommendations to manufacturers of monitor receivers and to manufacturers of other products related to the hobby.
7) To offer suggestions for and encourage the organizing and conducting of RCMA meetings and tours for groups in any geographic area.
8) To encourage and to facilitate contact between members.
9) To publish a regular club newsletter devoted to the hobby.



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